



4-Way Resistive Power Divider

NPD4-0-1000-2-S

4-Way, DC~1GHz, 2W

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	DC~1GHz
Insertion Loss:	12.8dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	11.8dB min.
Amplitude Balance:	±0.5dB
Phase Balance:	±8°
Impedance:	50Ω
Average Power:	2W

Mechanical

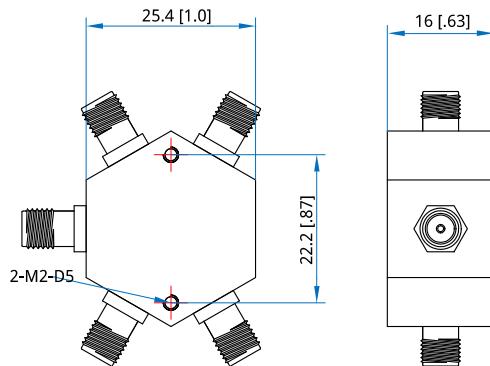
Size ^{*1} :	25.4*22.2*16mm
	1*0.87*0.63in
Weight:	28g
Connectors:	SMA Female (Stainless steel)
Mounting:	2-M2, depth 5mm

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

[NPD4-0-1000-2-S](#)

Customization is available upon request.



4-Way Resistive Power Divider

NPD4-0-3000-2-S

4-Way, DC~3GHz, 2W

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	DC~3GHz
Insertion Loss:	13dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.3 max.
Isolation:	12dB min.
Amplitude Balance:	± 0.6 dB
Phase Balance:	$\pm 10^\circ$
Impedance:	50 Ω
Average Power:	2W

Mechanical

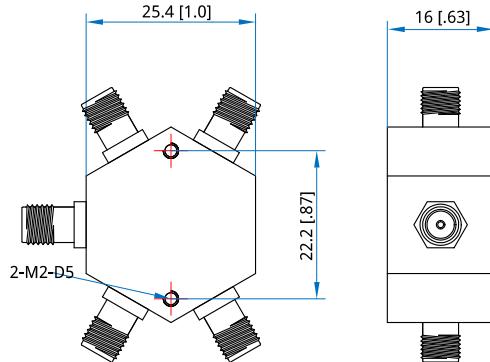
Size ^{*1} :	25.4*22.2*16mm
	1*0.87*0.63in
Weight:	28g
Connectors:	SMA Female
Mounting:	2-M2, depth 5mm

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD4-0-3000-2-S](#)

Customization is available upon request.



4-Way Resistive Power Divider

NPD4-0-4000-2-S

4-Way, DC~4GHz, 2W

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	DC~4GHz
Insertion Loss:	13.5dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.4 max.
Isolation:	11dB min.
Amplitude Balance:	± 0.7 dB
Phase Balance:	$\pm 15^\circ$
Impedance:	50 Ω
Average Power:	2W

Mechanical

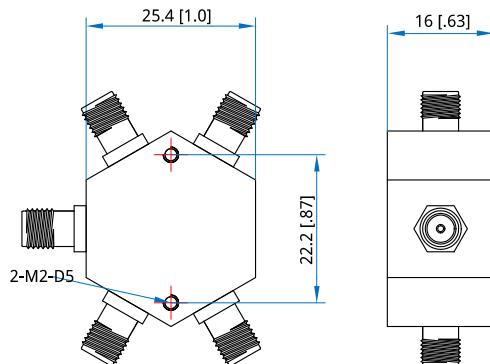
Size ^{*1} :	25.4*22.2*16mm
	1*0.87*0.63in
Weight:	28g
Connectors:	SMA Female
Mounting:	2-M2, depth 5mm

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD4-0-4000-2-S](#)

Customization is available upon request.

NPD4-0-6000

4-Way, DC~6GHz, 2W

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	DC~6GHz
Insertion Loss:	12±1.0dB max. (SMA) 13dB max. (N)
VSWR:	1.4 max. (SMA) 1.5 max. (N)
Isolation:	12dB min.
Amplitude Balance:	±0.8dB
Phase Balance:	±12° (N)
Impedance:	50Ω
Average Power:	2W

Mechanical

Mounting:	2-M2, depth 5mm (SMA) 2-M3, depth 6mm (N)
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Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-0-6000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

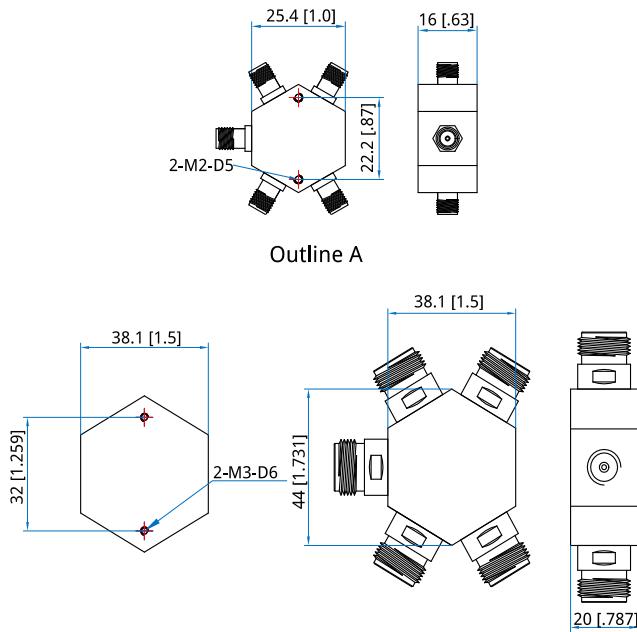
N - N Female (Outline B)

Examples:

To order a 4-way power divider, DC~6GHz, 2W, N female,
specify NPD4-0-6000-2-N.

Customization is available upon request.

Outline Drawings



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]



4-Way Resistive Power Divider

NPD4-0-8000-2-S

4-Way, DC~8GHz, 2W

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	DC~8GHz
Insertion Loss:	12±1.5dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.5 max.
Isolation:	12dB min.
Amplitude Balance:	±0.8dB
Impedance:	50Ω
Average Power:	2W

Mechanical

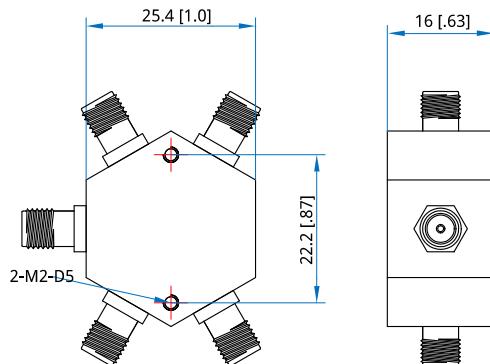
Size ^{*1} :	25.4*22.2*16mm
	1*0.87*0.63in
Connectors:	SMA Female
Mounting:	2-M2, depth 5mm

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

[NPD4-0-8000-2-S](#)

Customization is available upon request.



4-Way Resistive Power Divider

NPD4-0-10000

4-Way, DC~10GHz, 0.5W

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	DC~10GHz
Insertion Loss:	12±2.0dB max.
VSWR:	1.5 max.
Amplitude Balance:	±1.0dB max.
Impedance:	50Ω
Power Handling:	0.5W

Mechanical

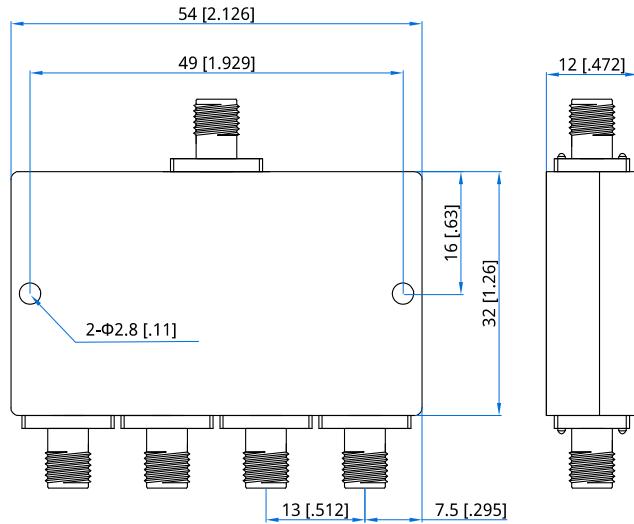
Size ^{*1} :	54*32*12mm
	2.216*1.26*0.472in
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

[NPD4-0-10000](#)

Customization is available upon request.



4-Way Resistive Power Divider

NPD4-0-18000-R5-S

4-Way, DC~18GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

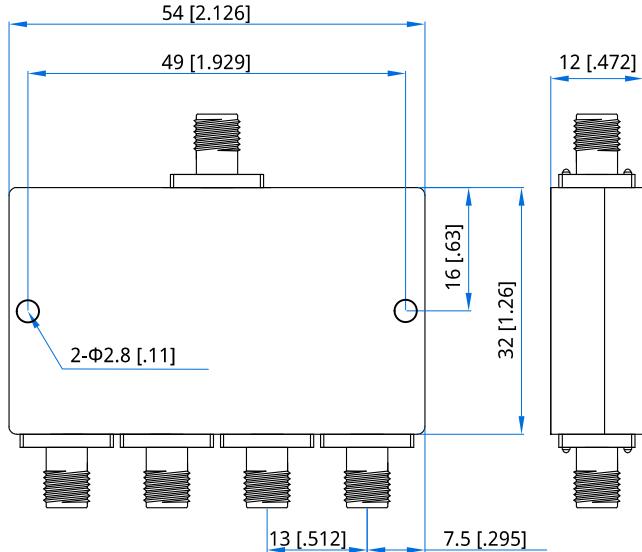
Frequency:	DC~18GHz
VSWR:	1.8 max.
Insertion Loss:	12±2.8dB
Average Power:	0.5W
Impedance:	50Ω

Mechanical

Size ^{*1} :	54*32*12mm
	2.126*1.26*0.472in
Connectors:	SMA Female
Mounting:	2-Φ2.8mm through-hole

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

[NPD4-0-18000-R5-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-5-1000-R5-N

4-Way, 0.005~1GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.005~1GHz
Insertion Loss:	2dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.5 max.
Isolation:	16dB min.
Amplitude Balance:	0.8dB max.
Phase Balance:	$\pm 5^\circ$
Impedance:	50Ω
Average Power:	0.5W max. 0.375W max. as combiner

Mechanical

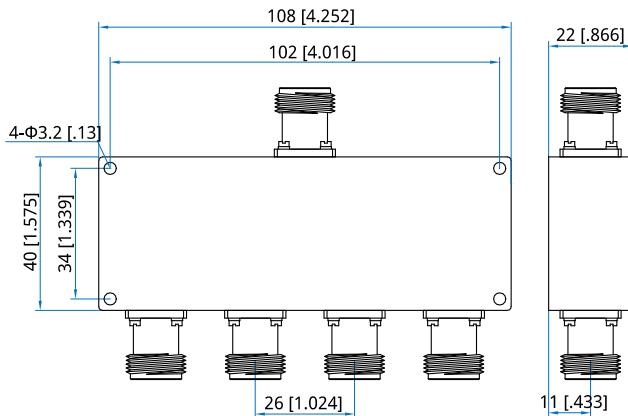
Size ^{*1} :	108*40*22mm 4.252*1.575*0.866in
Weight:	310g
Connectors:	N Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-5-1000-R5-N](#)

Customization is available upon request.



4-Way Power Dividers/Combiners

NPD4-10-100

4-Way, 0.01~0.1GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.01~0.1GHz
Insertion Loss:	1.2dB max. (SMA) 1.5dB max. (BNC)
Input VSWR:	1.4 max. (SMA) 1.3 max. (BNC)
Output VSWR:	1.4 max. (SMA) 1.3 max. (BNC)
Isolation:	18dB min.
Amplitude Balance:	0.4dB max. (SMA) ±0.6dB (BNC)
Phase Balance:	±4°
Impedance:	50Ω
Average Power:	0.5W max. 0.375W max. as combiner

Mechanical

Mounting: 4-Φ3.2mm through-hole

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-10-100-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

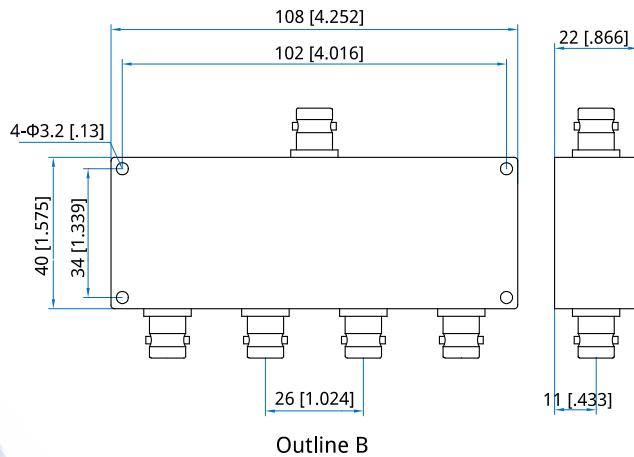
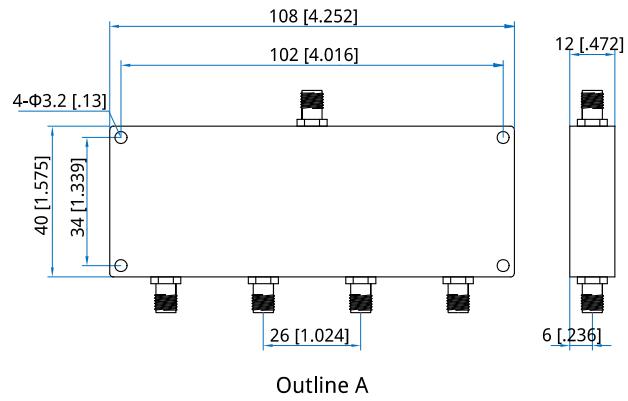
B - BNC Female (Outline B)

Examples:

To order a 4-way power divider, 0.01~0.1GHz, 0.5W, SMA female, specify NPD4-10-100-R5-S.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]



4-Way Power Divider/Combiner

NPD4-40-900-R5-N

4-Way, 0.04~0.9GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.04~0.9GHz
Insertion Loss:	1.8dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.4 max.
Isolation:	18dB min.
Amplitude Balance:	0.8dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	0.5W max. 0.375W max. as combiner

Mechanical

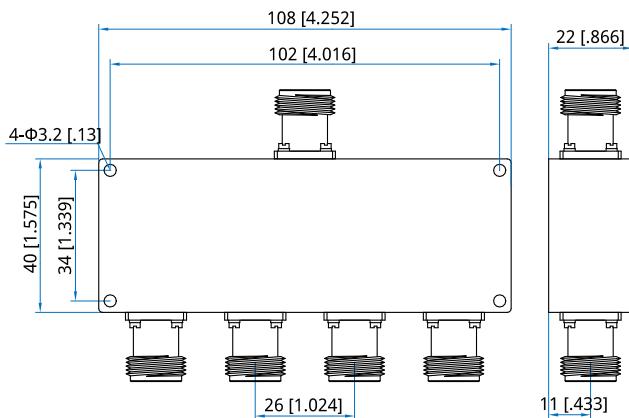
Size ^{*1} :	108*40*22mm 4.252*1.575*0.866in
Weight:	310g
Connectors:	N Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-40-900-R5-N](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-70-2000

4-Way, 70~2000MHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	70~2000MHz
Insertion Loss:	5.8dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

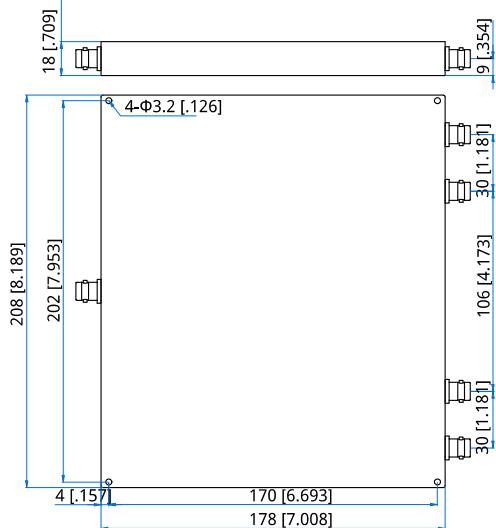
Size ^{*1} :	208*178*18mm
	8.819*7.008*0.709in
Connectors:	BNC Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-70-2000

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-80-500-30-S

4-Way, 0.08~0.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.08~0.5GHz
Insertion Loss:	1.5dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.20 max.
Isolation:	20dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Size ^{*1} :	170*110*12mm
	6.693*4.33*0.472in
Weight:	500g
Connectors:	SMA Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-80-500-30-S

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-100-400

4-Way, 0.1~0.4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.1~0.4GHz
Insertion Loss:	1.2dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

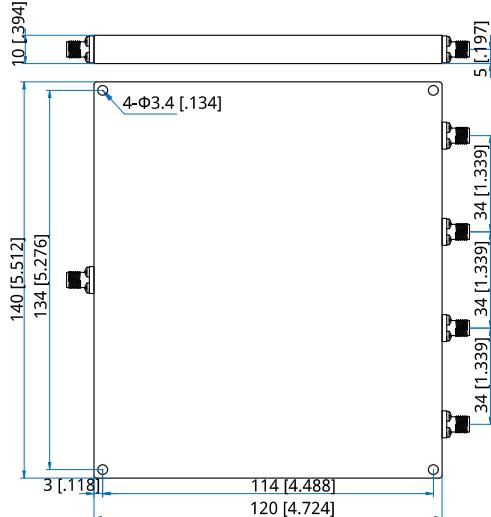
Size ^{*1} :	140*120*10mm 5.512*4.724*0.394in
Connectors:	SMA Female
Mounting:	4-Φ3.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-100-400

Customization is available upon request.

NPD4-100-500

4-Way, 0.1~0.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.1~0.5GHz
Insertion Loss:	5dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

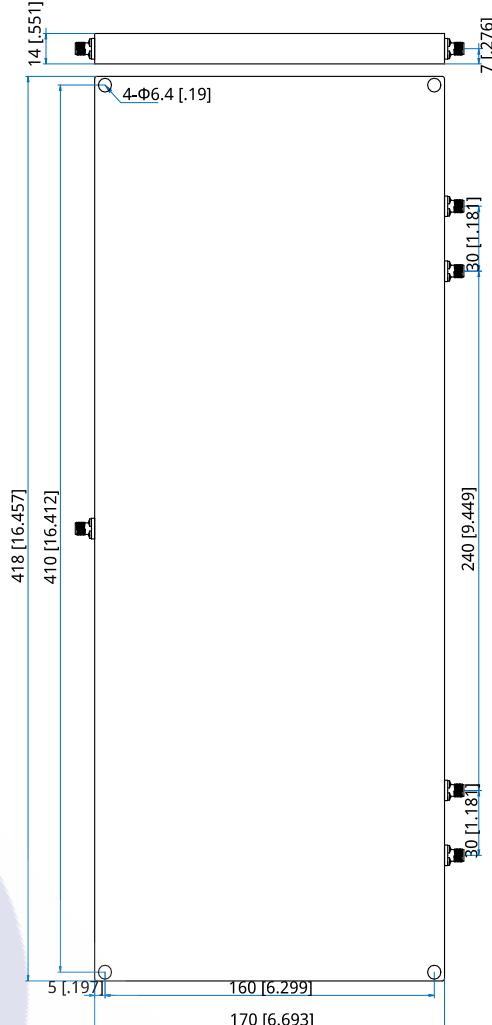
Size ^{*1} :	418*170*14mm
	16.457*6.693*0.551in
Connectors:	SMA Female
Mounting:	4-Φ6.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-100-500

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-100-500-50-N

4-Way, 0.1~0.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.1~0.5GHz
Insertion Loss:	1dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	50W max. 3W max. as combiner

Mechanical

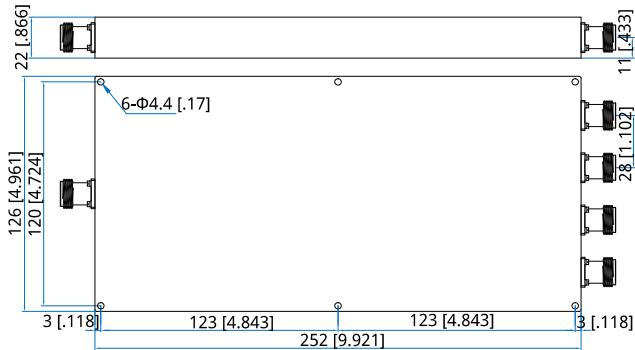
Size ^{*1} :	252*126*22mm 9.921*4.961*0.866in
Weight:	1100g
Connectors:	N Female
Mounting:	6-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-100-500-50-N

Customization is available upon request.



4-Way Power Dividers/Combiners

NPD4-100-500-K3-N

4-Way, 0.1~0.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.1~0.5GHz
Insertion Loss:	0.8dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.2dB
Phase Balance:	±3°
Impedance:	50Ω
Average Power:	300W max. 20W max. as combiner (Outline A) 100W max. as combiner (Outline B)

Mechanical

Connectors:	N Female
Mounting:	4-Φ5.4mm through-hole

Environmental

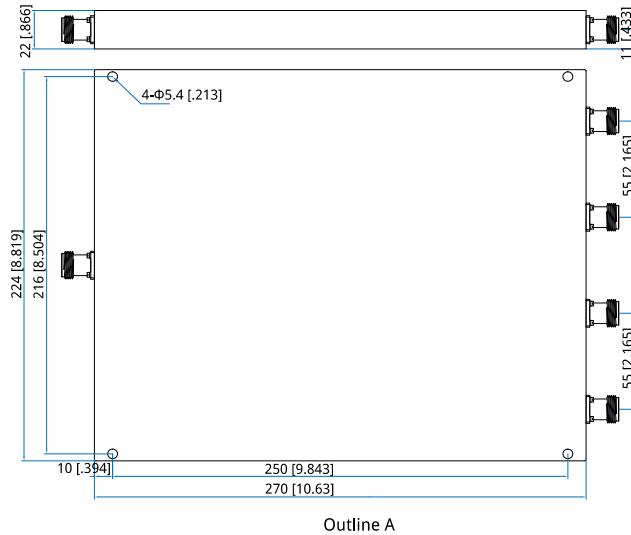
Operation Temperature: -35~+75°C

How To Order

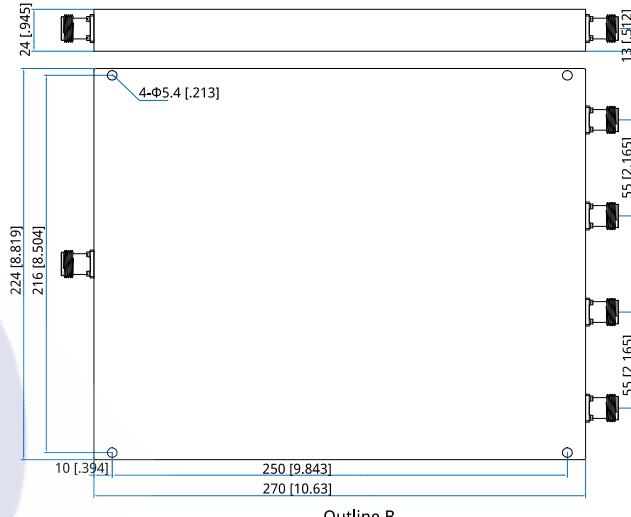
NPD4-100-500-K3-N-20 - Outline A
NPD4-100-500-K3-N-K1 - Outline B

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]



4-Way Power Divider/Combiner

NPD4-100-500-K5-7

4-Way, 0.1~0.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.1~0.5GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 2^\circ$
Impedance:	50Ω
Average Power:	500W max. 100W max. as combiner

Mechanical

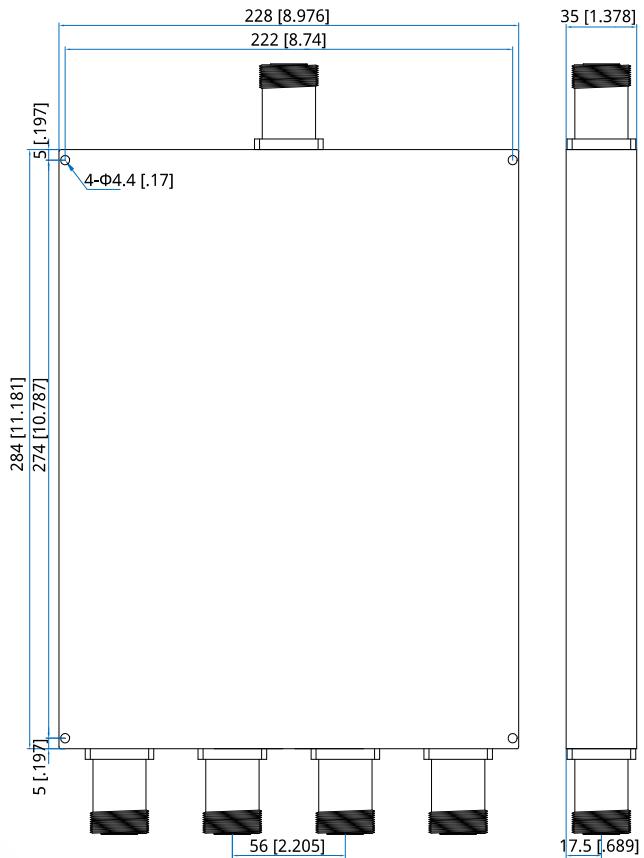
Size ^{*1} :	284*228*35mm
	11.181*8.976*1.378in
Weight:	3600g
Connectors:	7/16 DIN Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-100-500-K5-7

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-100-1000-30-S

4-Way, 0.1~1GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.1~1GHz
Insertion Loss:	1.8dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

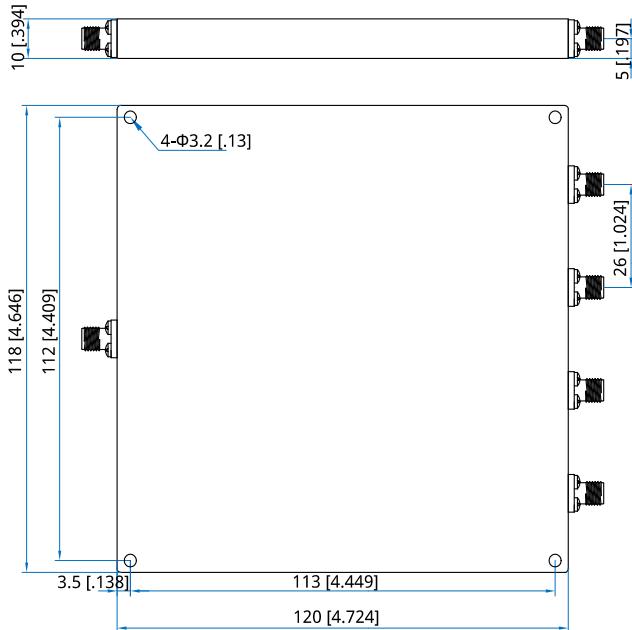
Size ^{*1} :	120*118*10mm
	4.724*4.646*0.394in
Weight:	500g
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-100-1000-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-100-2000

4-Way, 0.1~2GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.1~2GHz
Insertion Loss:	3.4dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

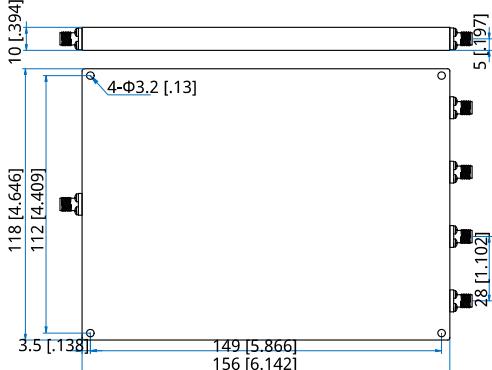
Size ^{*1} :	156*118*10mm
	6.142*4.646*0.394in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-100-2000

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-100-3000-30-S

4-Way, 0.1~3GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.1~3GHz
Insertion Loss:	5.6dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

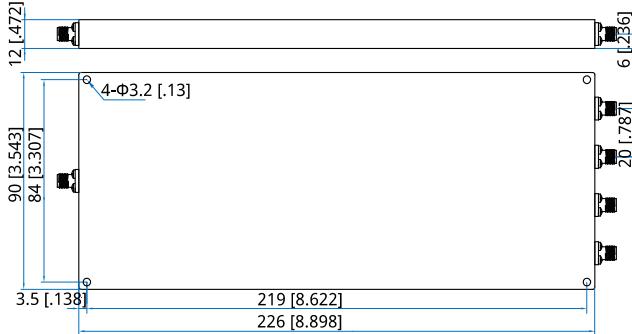
Size ^{*1} :	226*90*12mm
	8.898*3.543*0.472in
Weight:	620g
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-100-3000-30-S

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-118-138

4-Way, 118~138MHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	118~138MHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	25dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 2^\circ$
Impedance:	50Ω
Average Power:	500W max. 200W max. as combiner

Mechanical

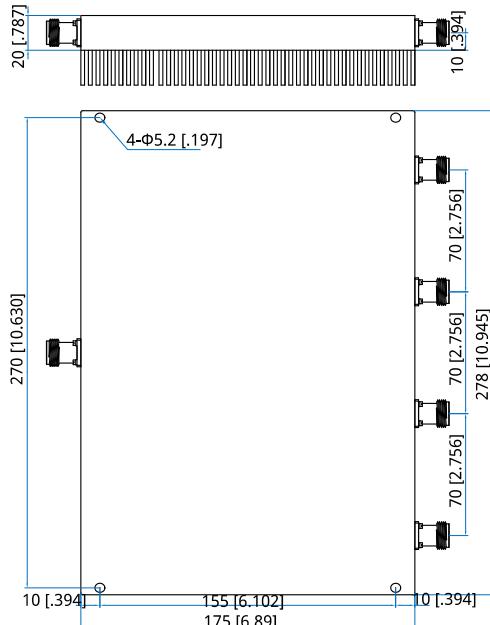
Size ^{*1} :	278*175*20mm
	10.945*6.89*0.787in
Connectors:	N Female
Mounting:	4-Φ5.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-118-138

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-120-150-50-N

4-Way, 0.12~0.15GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.12~0.15GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	50W max. 3W max. as combiner

Mechanical

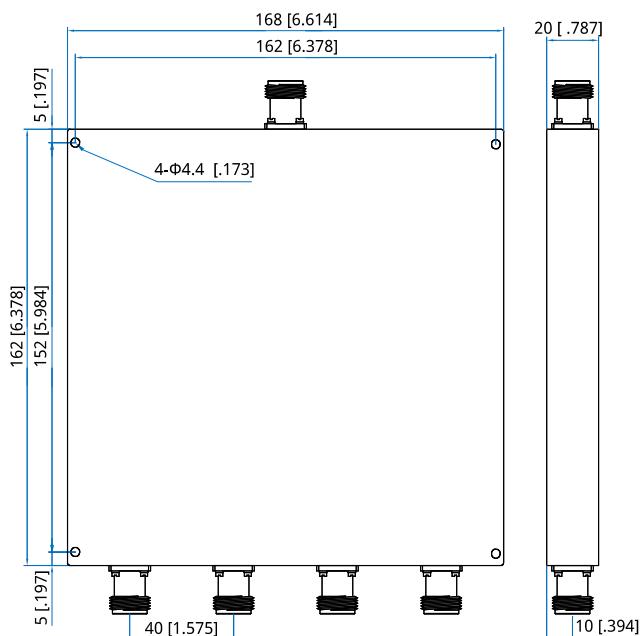
Size ^{*1} :	162*168*20mm 6.378*6.614*0.787in
Weight:	980g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-120-150-50-N

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-120-560-50-N

4-Way, 0.12~0.56GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.12~0.56GHz
Insertion Loss:	1dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	50W max. 3W max. as combiner

Mechanical

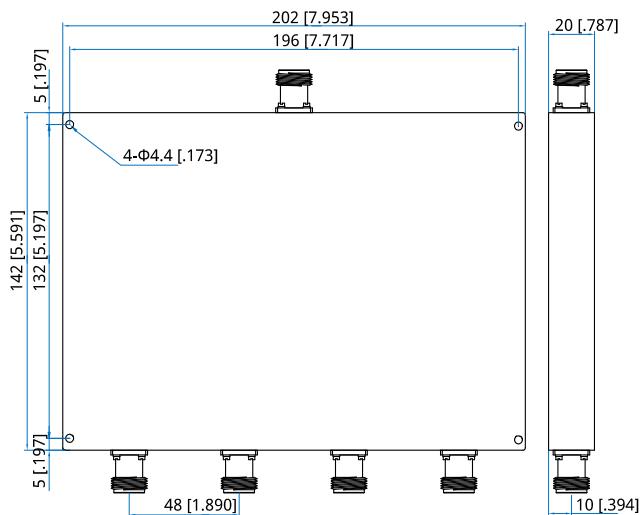
Size ^{*1} :	142*202*20mm 5.591*7.953*0.787in
Weight:	1.1Kg
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-120-560-50-N

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-134-3700

4-Way, 134~3700MHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	134~3700MHz
Insertion Loss:	4.2dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	±4°
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

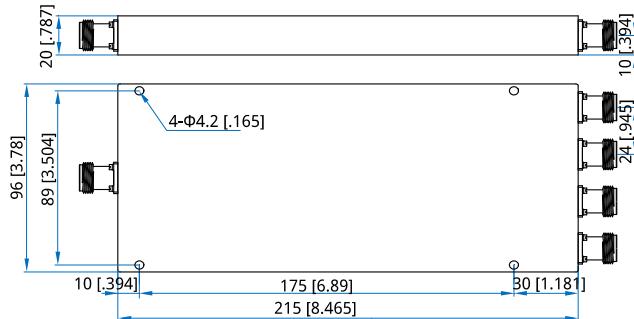
Size ^{*1} :	215*96*20mm 8.465*3.78*0.787in
Connectors:	N Female
Mounting:	4-Φ4.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-134-3700

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-136-174-K3-N

4-Way, 0.136~0.174GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.136~0.174GHz
Insertion Loss:	0.4dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 2^\circ$
Impedance:	50Ω
Average Power:	300W max. 25W max. as combiner

Mechanical

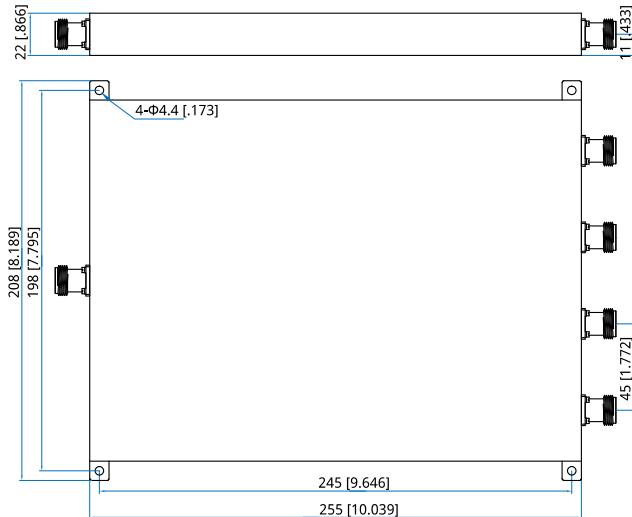
Size ^{*1} :	255*208*22mm
	10.039*8.189*0.866in
Weight:	2400g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-136-174-K3-N

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-138-960-50-N

4-Way, 0.138~0.96GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.138~0.96GHz
Insertion Loss:	1dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	±0.2dB
Phase Balance:	±3°
Impedance:	50Ω
Average Power:	50W max. 3W max. as combiner

Mechanical

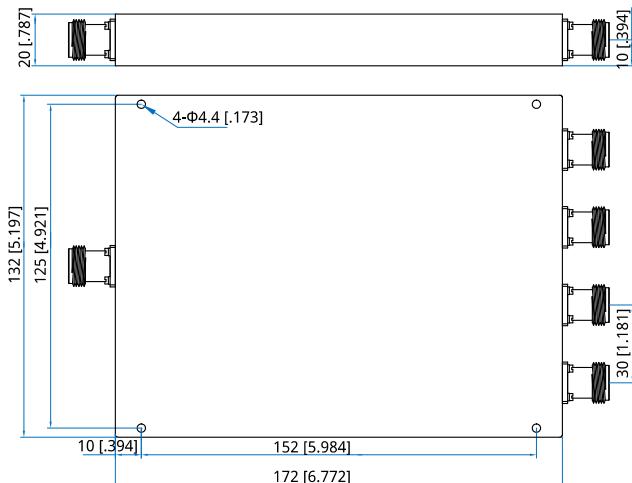
Size ^{*1} :	172*132*20mm 6.772*5.197*0.787in
Weight:	1200g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-138-960-50-N

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-150-960

4-Way, 150~960MHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	150~960MHz
Insertion Loss:	1.4dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	20dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	50W max. 2W max. as combiner

Mechanical

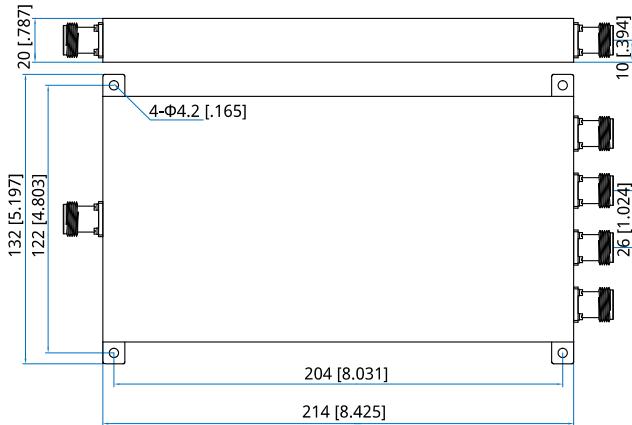
Size ^{*1} :	214*132*20mm 8.425*5.197*0.787in
Connectors:	N Female
Mounting:	4-Φ4.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-150-960

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-150-2500-30-S

4-Way, 0.15~2.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.15~2.5GHz
Insertion Loss:	2.8dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

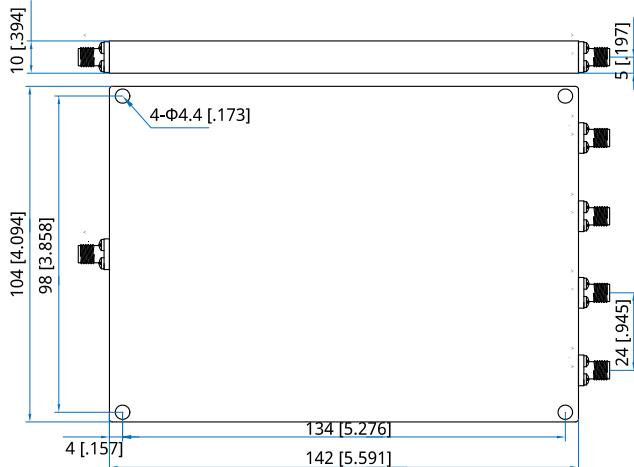
Size ^{*1} :	104*142*10mm
	4.094*5.591*0.394in
Weight:	800g
Connectors:	SMA Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-150-2500-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-200-250-30-S

4-Way, 0.2~0.25GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.2~0.25GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

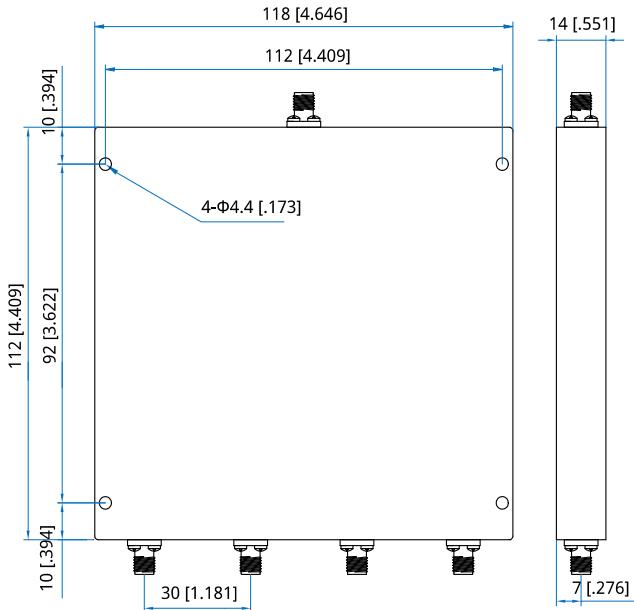
Size ^{*1} :	118*112*14mm 4.646*4.409*0.551in
Connectors:	SMA Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-200-250-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-200-500

4-Way, 0.2~0.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.2~0.5GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	300W max. 30W max. as combiner

Mechanical

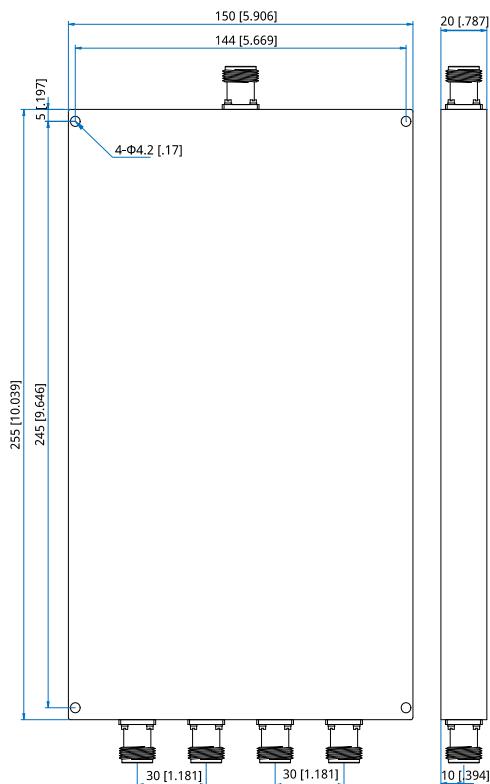
Size ^{*1} :	255*150*20mm
	10.039*5.906*0.787in
Connectors:	N Female
Mounting:	4-Φ4.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-200-500](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-200-2000-30-S

4-Way, 0.2~2GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.2~2GHz
Insertion Loss:	1.6dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

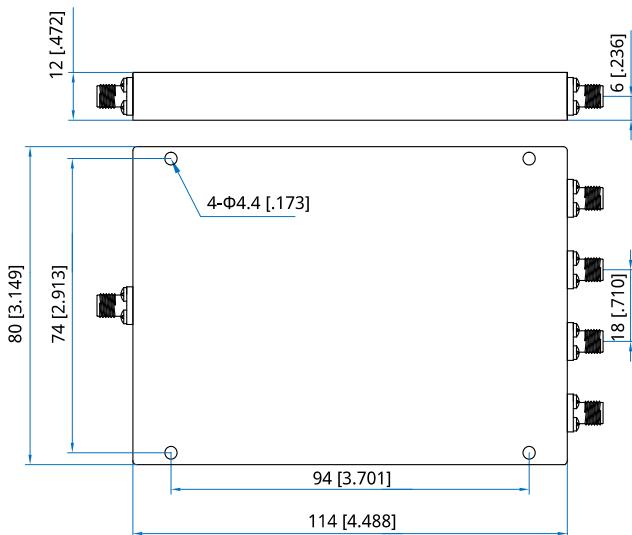
Size ^{*1} :	114*80*12mm 4.488*3.149*0.472in
Weight:	250g
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

NPD4-200-2000-30-S

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-200-4000

4-Way, 0.2~4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.2~4GHz
Insertion Loss:	3.2dB max.
Input VSWR:	1.45 max.
Output VSWR:	1.25 max.
Isolation:	18dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

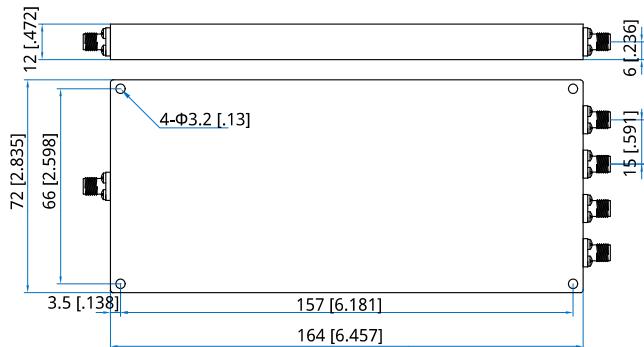
Size ^{*1} :	164*72*12mm
	6.457*2.835*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-200-4000](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-200-6000

4-Way, 0.2~6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.2~6GHz
Insertion Loss:	4.2dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.25 max.
Isolation:	18dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	±4°
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

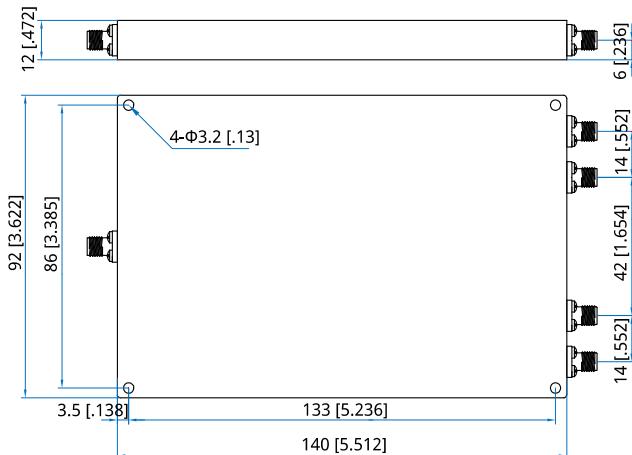
Size ^{*1} :	140*92*12mm 5.512*3.622*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-200-6000

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-245-255

4-Way, 245~255MHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	245-255GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	25dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	100W max. 1W max. as combiner

Mechanical

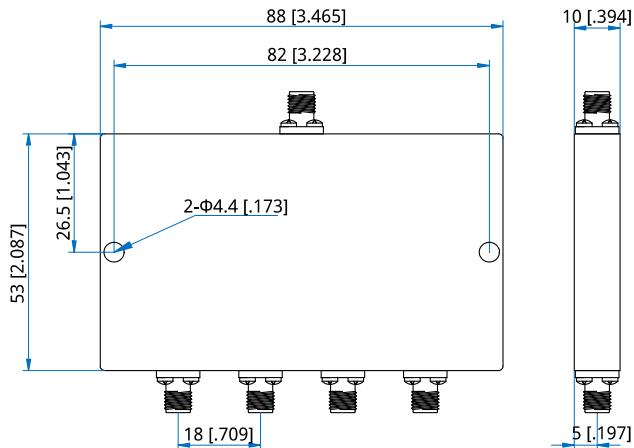
Size ^{*1} :	88*53*10mm
	3.465*2.087*0.394in
Connectors:	SMA Female
Mounting:	2-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-245-255](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-250-6000-30-S

4-Way, 0.25~6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.25~6GHz
Insertion Loss:	3.5dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

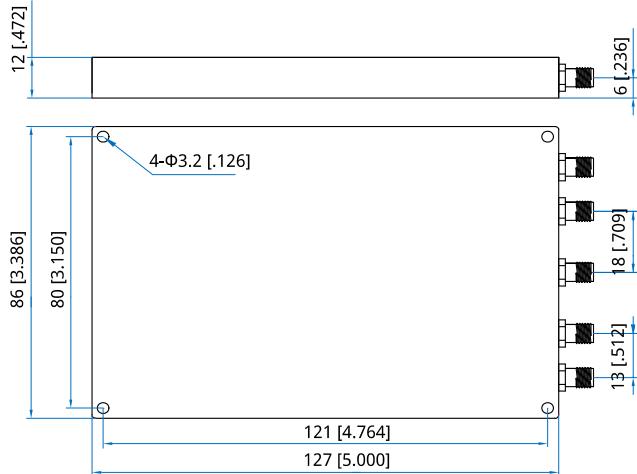
Size ^{*1} :	127*86*12mm
	5*3.385*0.472in
Weight:	253g
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-250-6000-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-300-1000

4-Way, 0.3~1GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.3~1GHz
Insertion Loss:	0.4dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	300W max. 30W max. as combiner

Mechanical

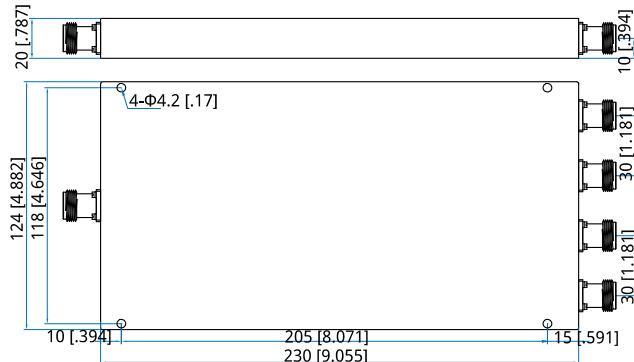
Size ^{*1} :	230*124*20mm
	9.055*4.882*0.787in
Connectors:	N Female
Mounting:	4-Φ4.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-300-1000

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-300-3000

4-Way, 0.3~3GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.3~3GHz
Insertion Loss:	1.2dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

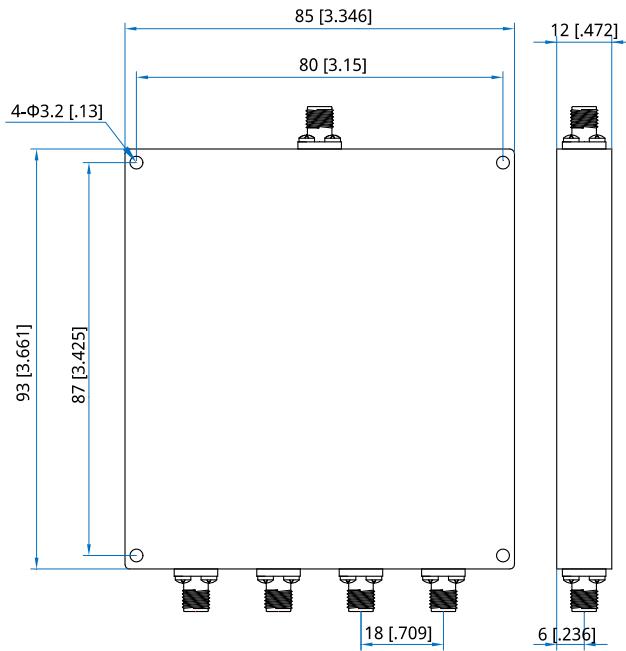
Size ^{*1} :	93*85*12mm 3.661*3.346*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-300-3000](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-300-6000

4-Way, 0.3~6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.3~6GHz
Insertion Loss:	3.5dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.25 max.
Isolation:	20dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

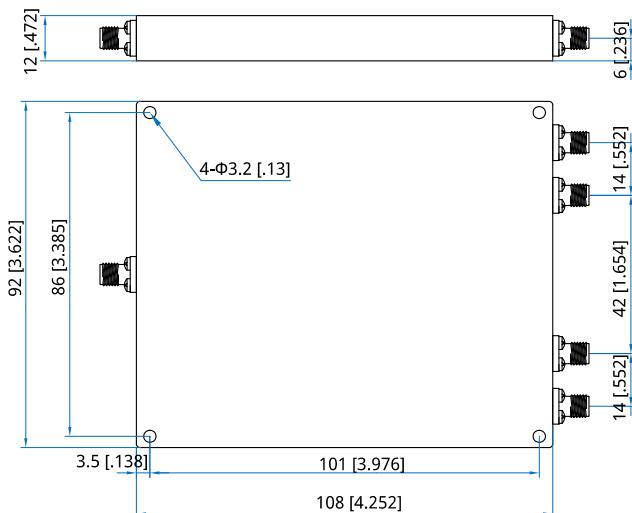
Size ^{*1} :	108*92*12mm 4.252*3.622*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-300-6000

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-350-800

4-Way, 0.35~0.8GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.35~0.8GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	50W max. 10W max. as combiner

Mechanical

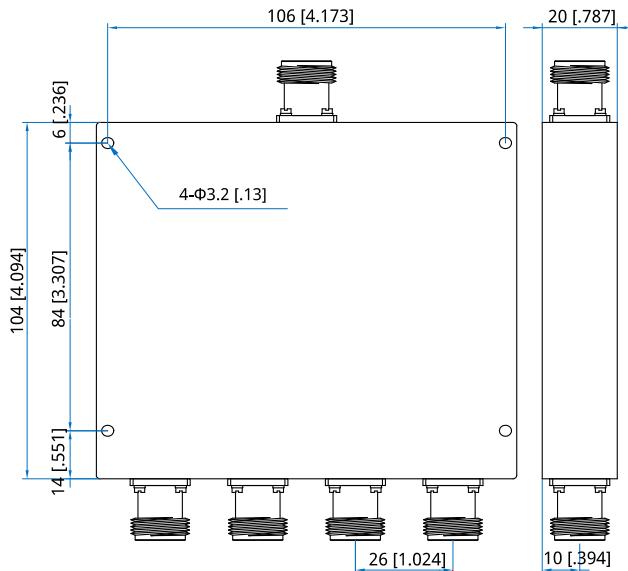
Size ^{*1} :	104*106*20mm
	4.094*4.173*0.787in
Connectors:	N Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-350-800

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-350-830

4-Way, 0.35~0.83GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.35~0.83GHz
Insertion Loss:	0.8dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	150W max. 15W max. as combiner

Mechanical

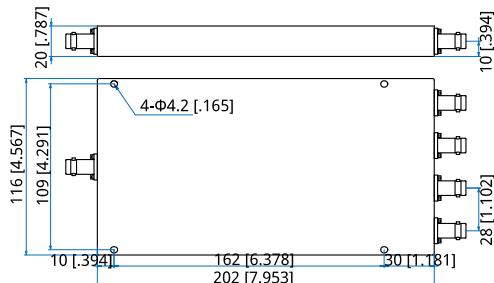
Size ^{*1} :	202*116*20mm
	7.953*4.567*0.787in
Connectors:	BNC Female
Mounting:	4-Φ4.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-350-830

Customization is available upon request.



4-Way Power Dividers/Combiners

NPD4-350-3800

4-Way, 0.35~3.8GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.35~3.8GHz
Insertion Loss:	1.6dB max. (SMA) 1.8dB max. (N)
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Mounting: 4-Φ3.2mm through-hole (SMA)
4-Φ4.4mm through-hole (N)

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-350-3800-X-Y
X: Average power as divider
Y: Connector type

Connector naming rules:

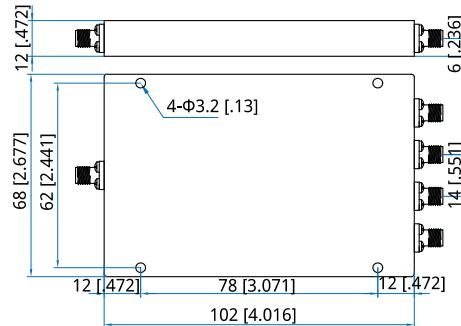
S - SMA Female (Outline A)
N - N Female (Outline B)

Examples:

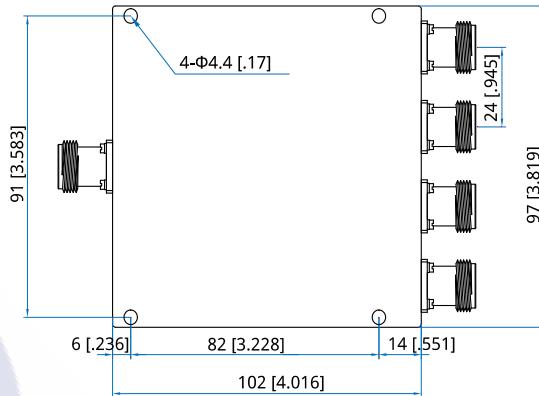
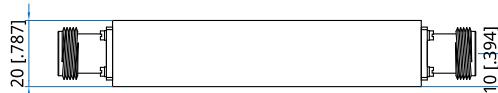
To order a 4-way power divider, 0.35~3.8GHz, 30W, SMA female, specify NPD4-350-3800-30-S.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]



4-Way Power Divider/Combiner

NPD4-380-460

4-Way, 0.38~0.46GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.38~0.46GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	100W max.
IP Grade:	IP67

Mechanical

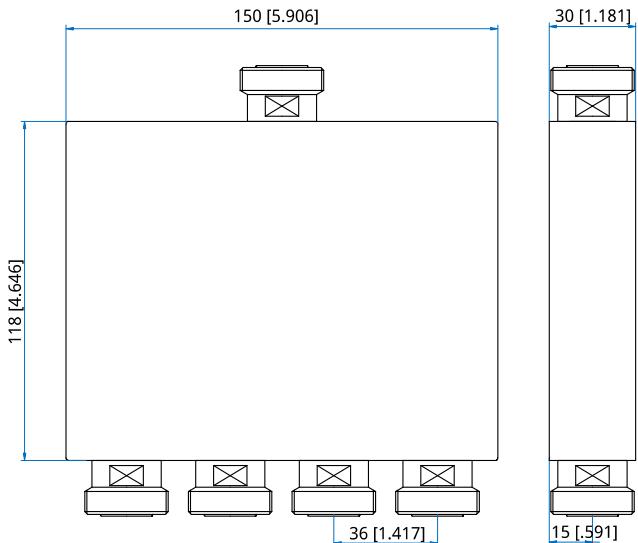
Size ^{*1} :	150*118*30mm
	5.906*4.646*1.181in
Connectors:	7/16 DIN Female

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+70°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-380-460

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-380-470-K3-N

4-Way, 0.38~0.47GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.38~0.47GHz
Insertion Loss:	0.4dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 2^\circ$
Impedance:	50Ω
Average Power:	300W max. 25W max. as combiner

Mechanical

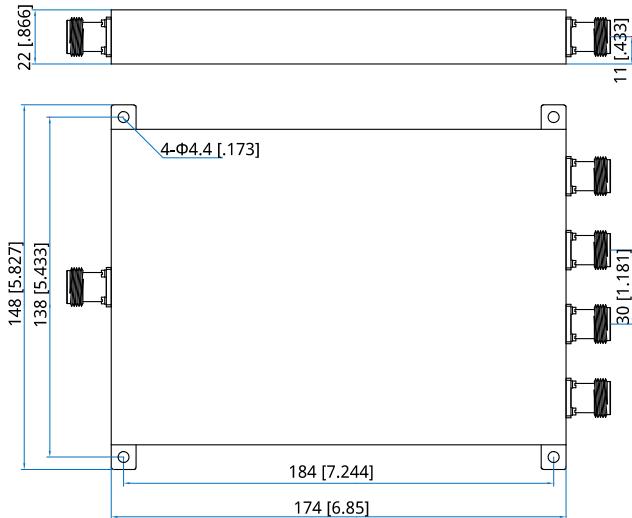
Size ^{*1} :	184*148*22mm 7.244*5.827*0.866in
Weight:	1600g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-380-470-K3-N

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-400-470-30-S

4-Way, 0.4~0.47GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.4~0.47GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.15 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

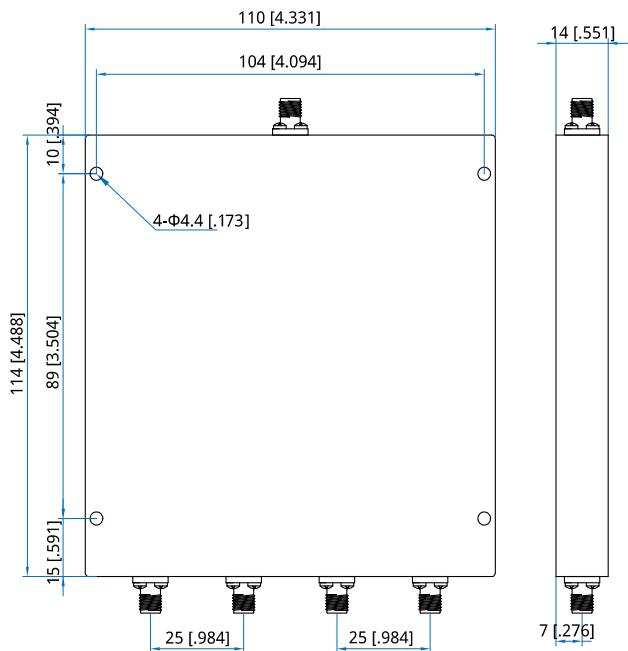
Size ^{*1} :	114*110*14mm 4.488*4.331*0.551in
Connectors:	SMA Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-400-470-30-S

Customization is available upon request.

NPD4-400-1000-30-N

4-Way, 0.4~1GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.4~1GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

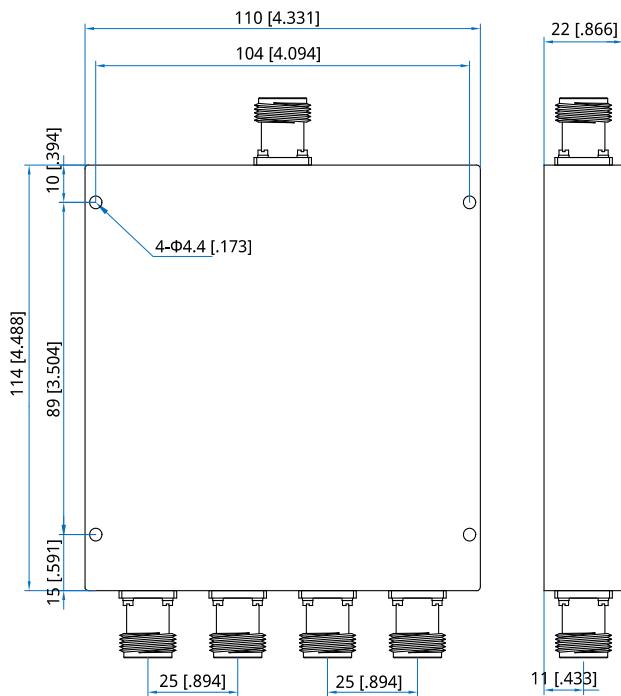
Size ^{*1} :	114*110*22mm 4.488*4.331*0.866in
Weight:	615g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-400-1000-30-N

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-400-1000-K1-N

4-Way, 0.4~1GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.4~1GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	100W max. 10W max. as combiner

Mechanical

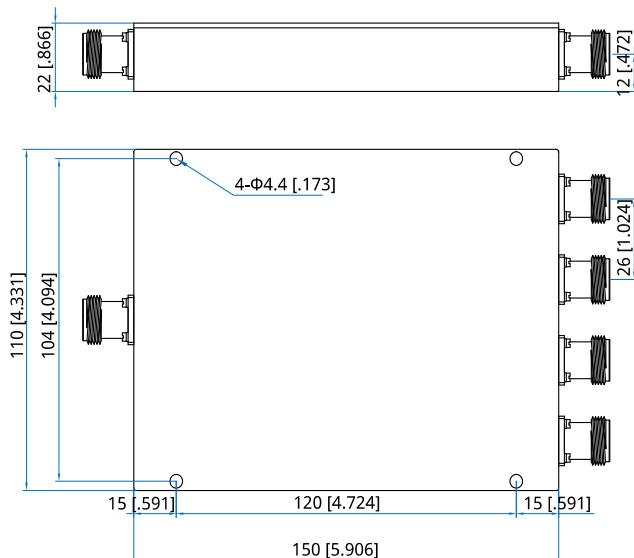
Size ^{*1} :	150*110*22mm 5.906*4.331*0.866in
Weight:	800g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-400-1000-K1-N

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-400-1000-K2-N

4-Way, 0.4~1GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.4~1GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	200W max. 20W max. as combiner

Mechanical

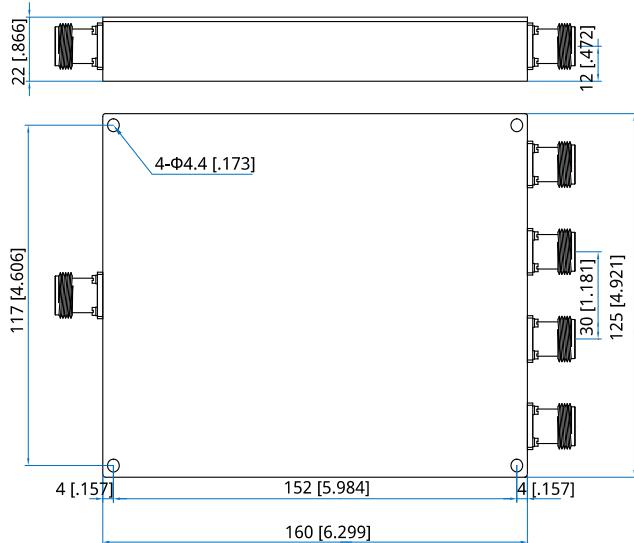
Size ^{*1} :	160*125*22mm
	6.299*4.921*0.866in
Weight:	1100g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

[NPD4-400-1000-K2-N](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-400-2000-30-S

4-Way, 0.4~2GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.4~2GHz
Insertion Loss:	1dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

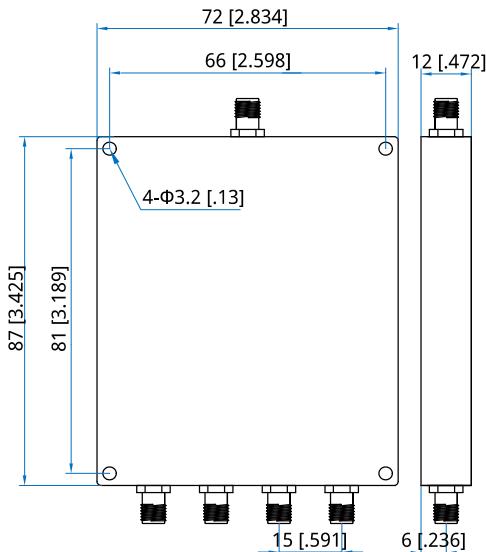
Size ^{*1} :	87*72*12mm 3.425*2.834*0.472in
Weight:	155g
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-400-2000-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-400-4000

4-Way, 0.4~4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.4~4GHz
Insertion Loss:	1.6dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

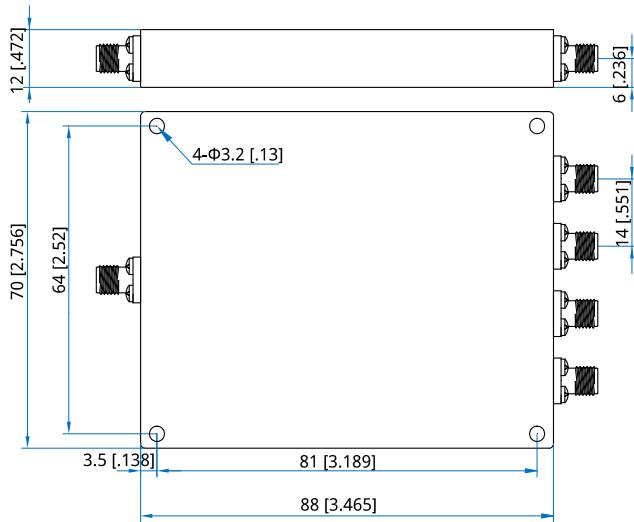
Size ^{*1} :	88*70*12mm
	3.465*2.756*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

NPD4-400-4000

Customization is available upon request.

NPD4-400-6000

4-Way, 0.4~6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.4~6GHz
Insertion Loss:	2.4dB max. (SMA) 2.0dB max. (N)
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min. (SMA) 18dB min. (N)
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Mounting: 4-Φ3.2mm through-hole

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-400-6000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

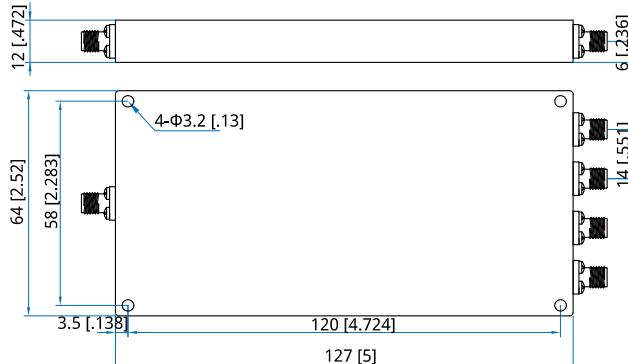
N - N Female (Outline B)

Examples:

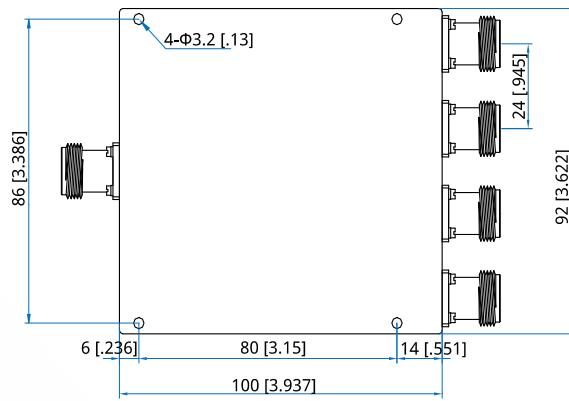
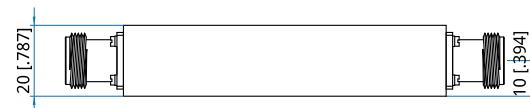
To order a 4-way power divider, 0.4~6GHz, 30W, N female, specify NPD4-400-6000-30-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]



4-Way Power Divider/Combiner

NPD4-400-6000-35-S

4-Way, 0.4~6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.4~6GHz
Insertion Loss:	2.2dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	35W max. 2.5W max. as combiner

Mechanical

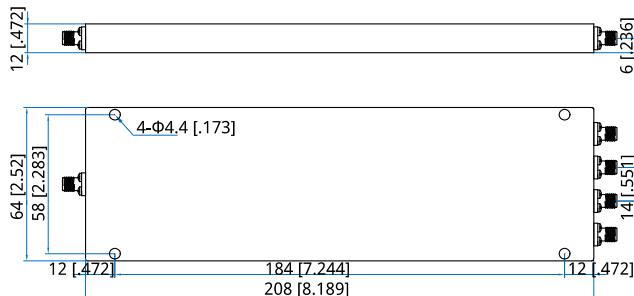
Size ^{*1} :	208*64*12mm 8.189*2.52*0.472in
Weight:	400g
Connectors:	SMA Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-400-6000-35-S

Customization is available upon request.



4-Way Power Dividers/Combiners

NPD4-400-8000

4-Way, 0.4~8GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.4~8GHz
Insertion Loss:	2.5dB max. (SMA) 3.6dB max. (N)
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	20dB min. (SMA) 18dB min. (N)
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Mounting: 4-Φ3.2mm through-hole

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-400-8000-X-Y
X: Average power as divider
Y: Connector type

Connector naming rules:

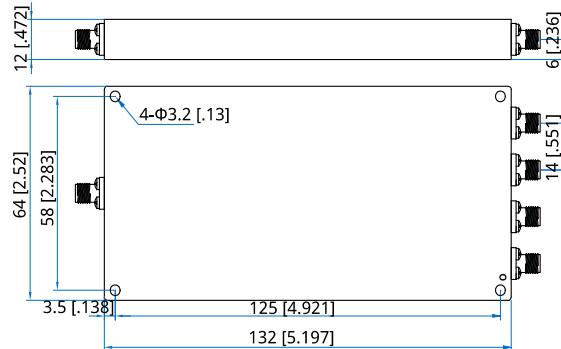
S - SMA Female (Outline A)
N - N Female (Outline B)

Examples:

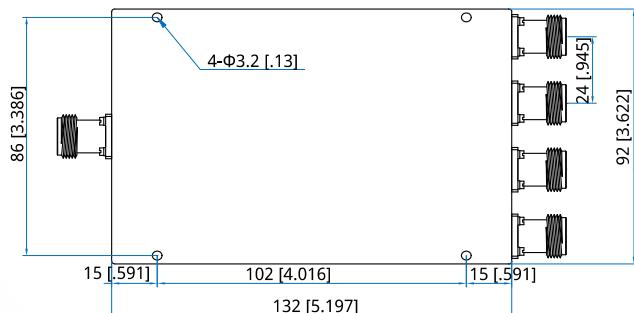
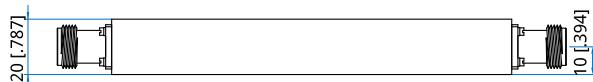
To order a 4-way power divider, 0.4~8GHz, 30W, N female,
specify NPD4-400-8000-30-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]



NPD4-450-6000

4-Way, 0.45~6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.45~6GHz
Insertion Loss:	2.4dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Size ^{*1} :	112*64*12mm
	4.409*2.52*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.4mm through-hole

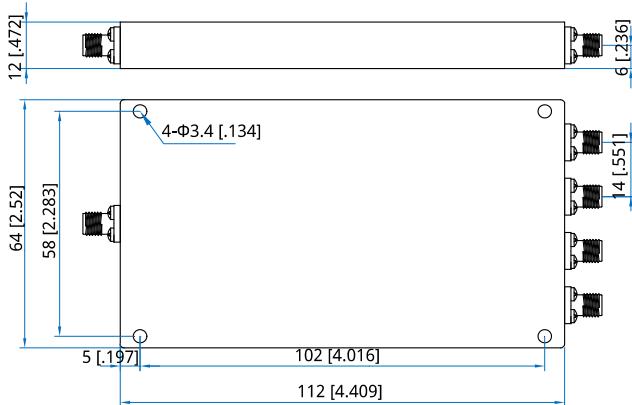
[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

4-Way Power Divider/Combiner

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-450-6000

Customization is available upon request.



4-Way Power Dividers/Combiners

NPD4-500-1000

4-Way, 0.5~1GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.5~1GHz
Insertion Loss:	0.6dB max. (SMA) 0.8dB max. (N)
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min. (SMA) 22dB min. (N)
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Mounting: 4-Φ3.2mm through-hole

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-500-1000-X-Y
X: Average power as divider
Y: Connector type

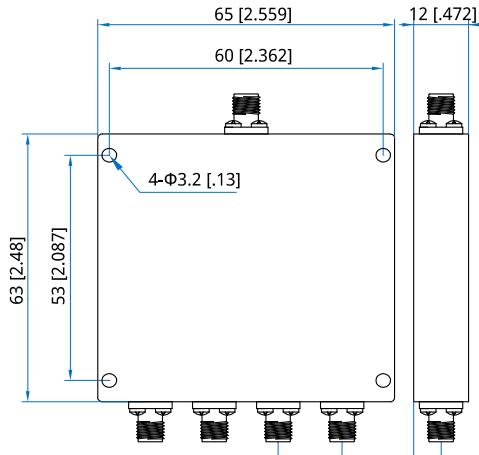
Connector naming rules:
S - SMA Female (Outline A)
N - N Female (Outline B)

Examples:

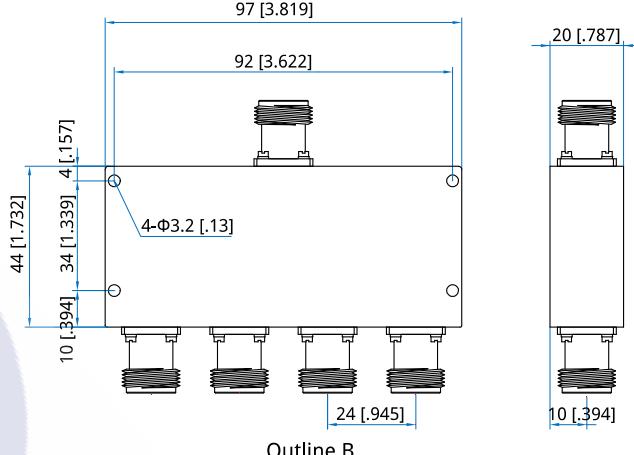
To order a 4-way power divider, 0.5~1GHz, 30W, N female, specify NPD4-500-1000-30-N.

Customization is available upon request.

Outline Drawings



Outline A



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]



4-Way Power Divider/Combiner

NPD4-500-2000

4-Way, 0.5~2GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.5~2GHz
Insertion Loss:	1.0dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

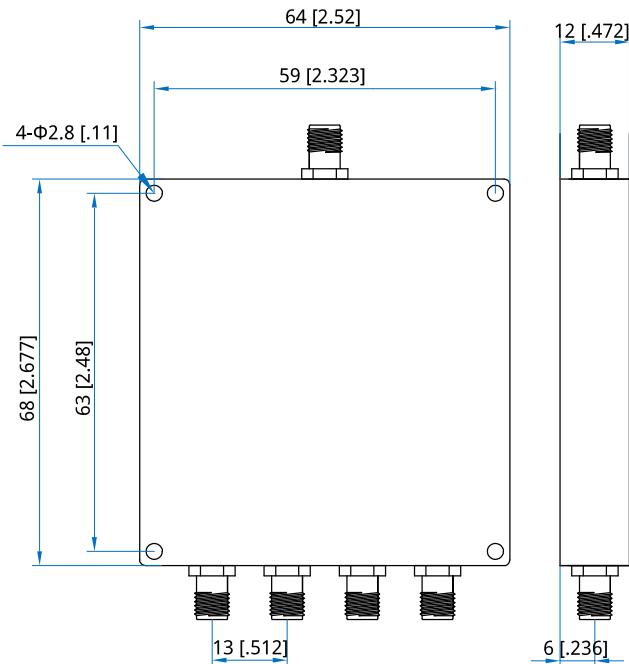
Size ^{*1} :	68*64*12mm
	2.667*2.52*0.472in
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

[NPD4-500-2000](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-500-2000-K2

4-Way, 0.5~2GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.5~2GHz
Insertion Loss:	0.7dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	200W max. 20W max. as combiner

Mechanical

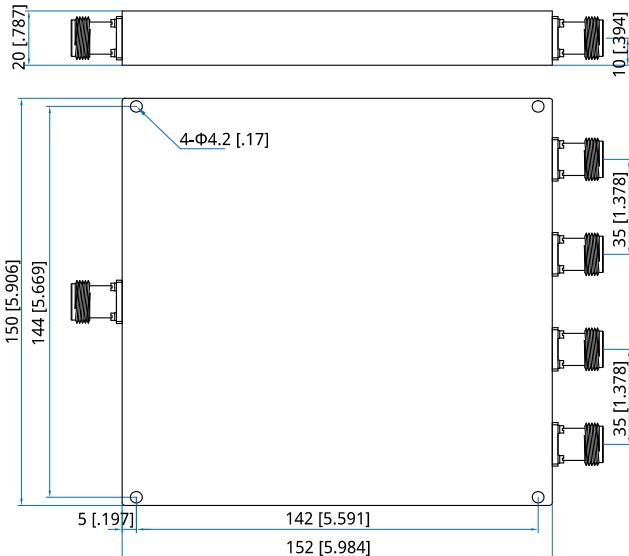
Size ^{*1} :	152*150*20mm
	5.984*5.906*0.787in
Connectors:	N Female
Mounting:	4-Φ4.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

[NPD4-500-2000-K2](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-500-3000

4-Way, 0.5~3GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.5~3GHz
Insertion Loss:	1.0dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

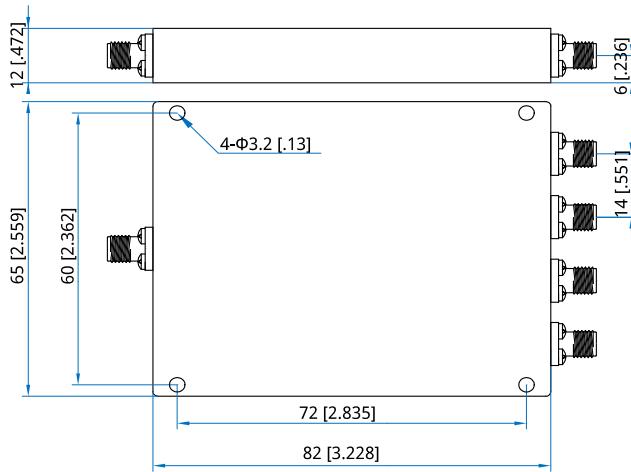
Size ^{*1} :	82*65*12mm 3.228*2.559*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-500-3000](#)

Customization is available upon request.



4-Way Power Dividers/Combiners

NPD4-500-4000

4-Way, 0.5~4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.5~4GHz
Insertion Loss:	2.0dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	100W max. 10W max. as combiner

Mechanical

Mounting:	4-Φ3.4mm through-hole (SMA)
Mounting:	4-Φ4.2mm through-hole (N)

Environmental

Operation Temperature: -35~+70°C

How To Order

NPD4-500-4000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

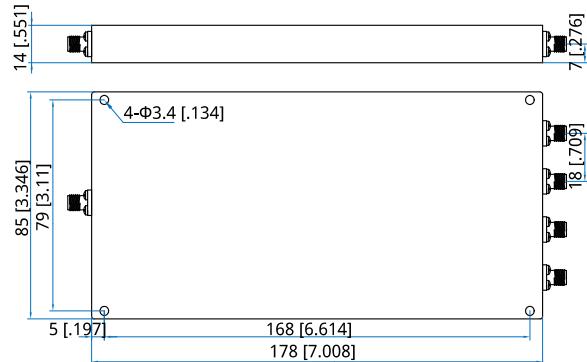
N - N Female (Outline B)

Examples:

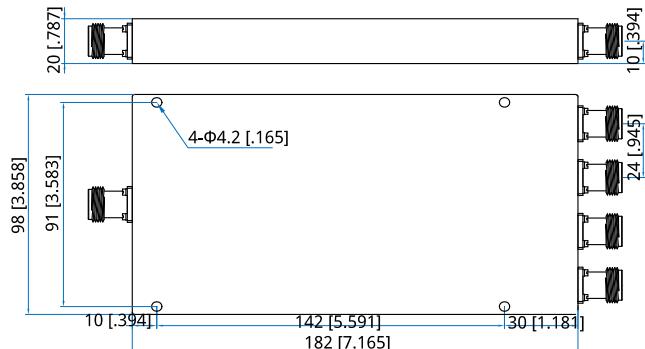
To order a 4-way power divider, 0.5~4GHz, 100W, N female, specify NPD4-500-4000-K1-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]



4-Way Power Dividers/Combiners

NPD4-500-6000

4-Way, 0.5~6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.5~6GHz
Insertion Loss:	1.8dB max. (SMA) 2.0dB max. (N)
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Mounting:	4-Φ2.8mm through-hole (SMA) 4-Φ3.2mm through-hole (N)
-----------	--

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-500-6000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

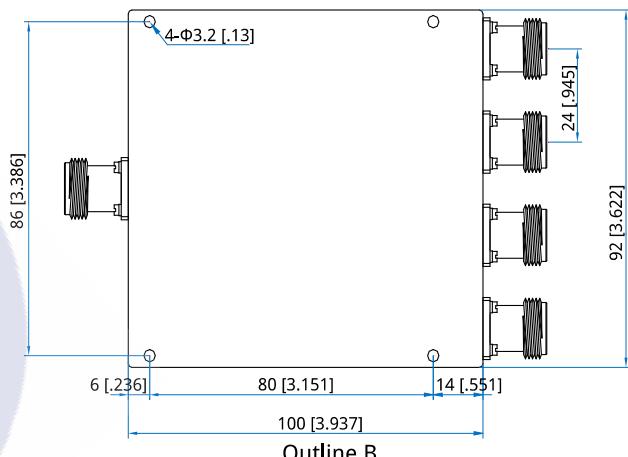
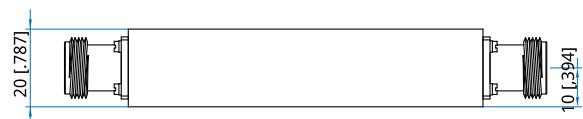
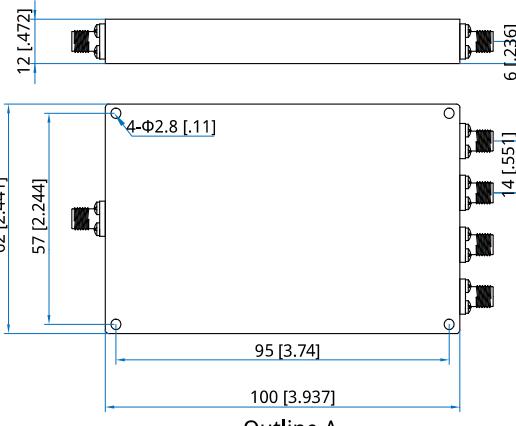
N - N Female (Outline B)

Examples:

To order a 4-way power divider, 0.5~6GHz, 30W, N female, specify NPD4-500-6000-30-N.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm} [\pm 0.02\text{in}]$



4-Way Power Divider/Combiner

NPD4-500-18000-20-S

4-Way, 0.5~18GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.5~18GHz
Insertion Loss:	2.5dB max.
Input VSWR:	2.1 max.
Output VSWR:	1.5 max.
Isolation:	15dB min.
Amplitude Balance:	±0.4dB
Phase Balance:	±8°
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

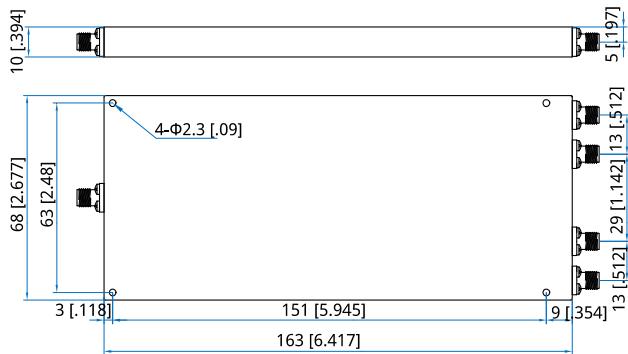
Size ^{*1} :	163*68*10mm 6.417*2.677*0.394in
Weight:	260g
Connectors:	SMA Female
Mounting:	4-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

[NPD4-500-18000-20-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-500-26500-20-S

4-Way, 0.5~26.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.5~26.5GHz
Insertion Loss:	5.2dB max.
Input VSWR:	1.6 max.
Output VSWR:	1.6 max.
Isolation:	16dB min.
Amplitude Balance:	±0.4dB
Phase Balance:	±6°
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

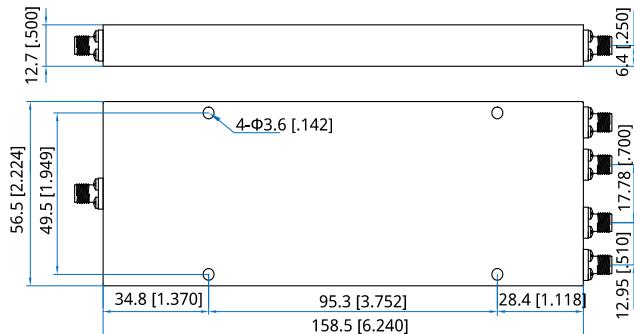
Size ^{*1} :	158*56.5*12.7mm
	6.24*2.224*0.5in
Weight:	330g
Connectors:	SMA Female (Stainless steel)
Mounting:	4-Φ3.6mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-500-26500-20-S

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-555-3400-30-N

4-Way, 0.555~3.4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.555~3.4GHz
Insertion Loss:	1.2dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	±0.3dB
Phase Balance:	±4°
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

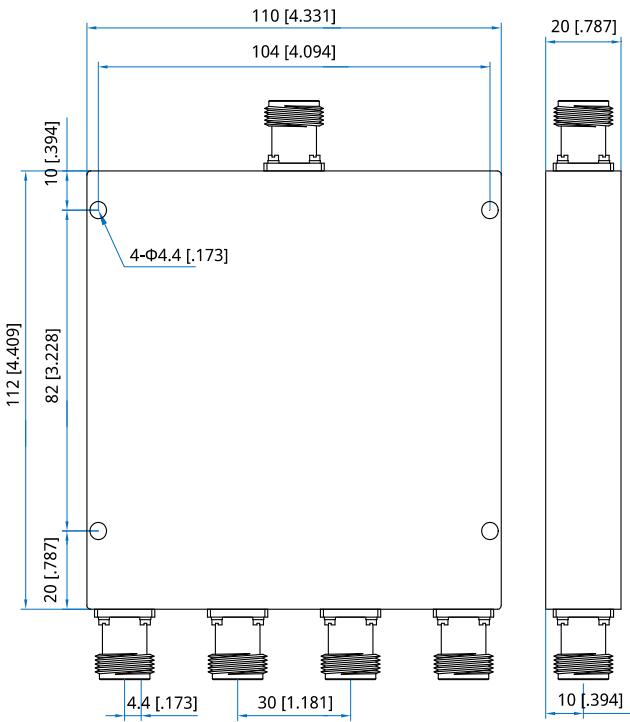
Size ^{*1} :	112*110*20mm 4.409*4.331*0.787in
Weight:	650g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

[NPD4-555-3400-30-N](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-600-2000

4-Way, 0.6~2GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.6~2GHz
Insertion Loss:	0.8dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

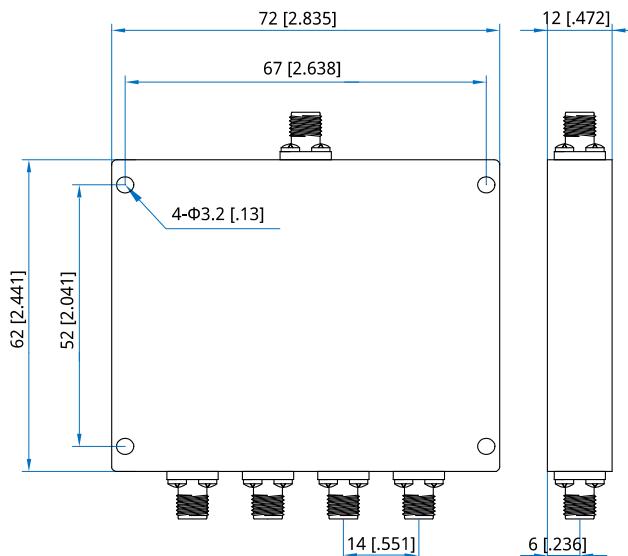
Size ^{*1} :	62*72*12mm 2.441*2.835*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-600-2000

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-600-3000

4-Way, 0.6~3GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.6~3GHz
Insertion Loss:	1.0dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	50W max. 3W max. as combiner

Mechanical

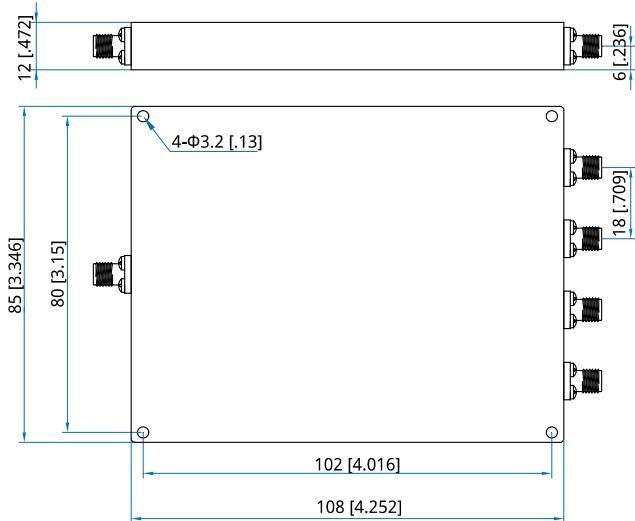
Size ^{*1} :	108*85*12mm 4.252*3.346*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-600-3000

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-600-3600

4-Way, 0.6~3.6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.6~3.6GHz
Insertion Loss:	2dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	100W max. 5W max. as combiner

Mechanical

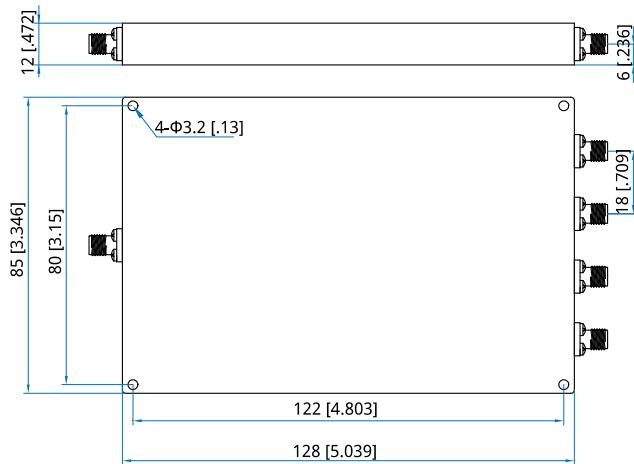
Size ^{*1} :	128*85*12mm 5.039*3.346*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-600-3600

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-600-8000-30-S

4-Way, 0.6~8GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.6~8GHz
Insertion Loss:	2.2dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.22 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

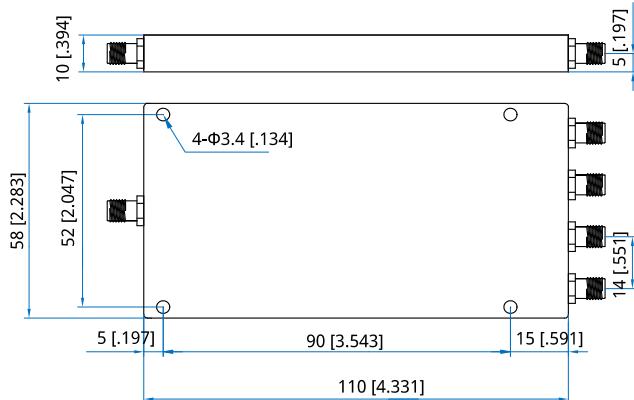
Size ^{*1} :	110*58*10mm 4.331*2.283*0.394in
Weight:	150g
Connectors:	SMA Female
Mounting:	4-Φ3.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-600-8000-30-S

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-698-2700

4-Way, 0.698~2.7GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.698~2.7GHz
Insertion Loss:	0.8dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.3 max.
Isolation:	20dB min.
Amplitude Balance:	±0.4dB max.
Phase Balance:	±4°
Impedance:	50Ω
Average Power:	50W max. 2W max. as combiner

Mechanical

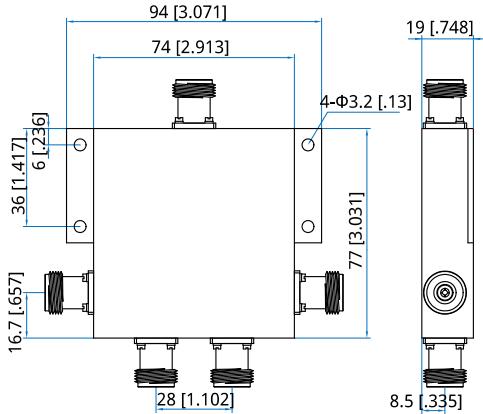
Size ^{*1} :	77*94*19mm 3.031*3.071*0.748in
Connectors:	N Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-698-2700

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-698-4000

4-Way, 0.698~4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.698~4GHz
Insertion Loss:	1.5dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	150W max. 10W max. as combiner

Mechanical

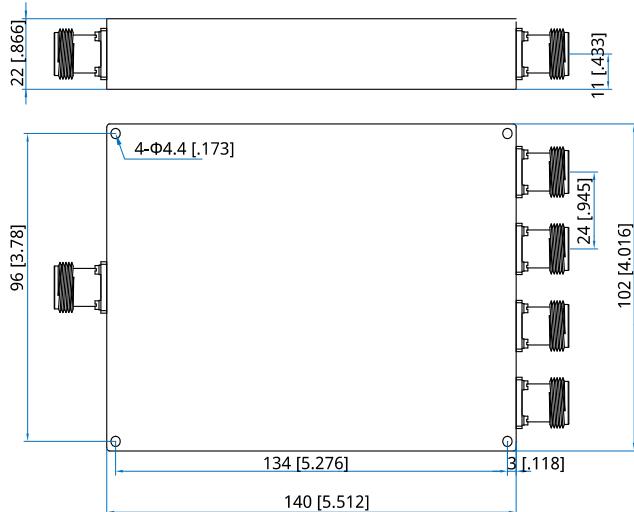
Size ^{*1} :	140*102*22mm
	5.512*4.016*0.866in
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-698-4000

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-698-4000-50-4

4-Way, 0.698~4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.698~4GHz
Insertion Loss:	1.5dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	50W max. 3W max. as combiner

Mechanical

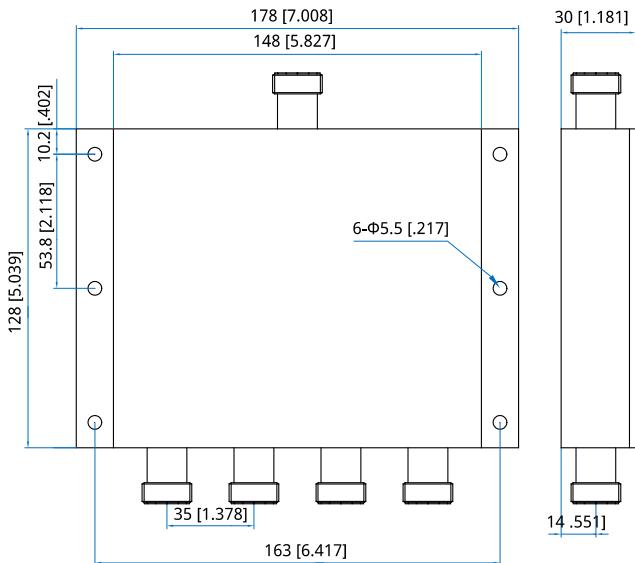
Size ^{*1} :	178*128*30mm 7.008*5.039*1.181in
Weight:	1000g
Connectors:	4.3-10 Female
Mounting:	6-Φ5.5mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-698-4000-50-4

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-700-1100

4-Way, 0.7~1.1GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.7~1.1GHz
Insertion Loss:	0.4dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	22dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

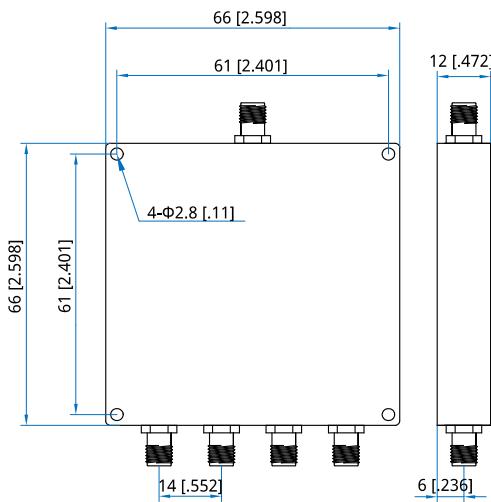
Size ^{*1} :	66*66*12mm 2.598*2.598*0.472in
Weight:	138g
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-700-1100](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-700-2000

4-Way, 0.7~2GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.7~2GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$ max.
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

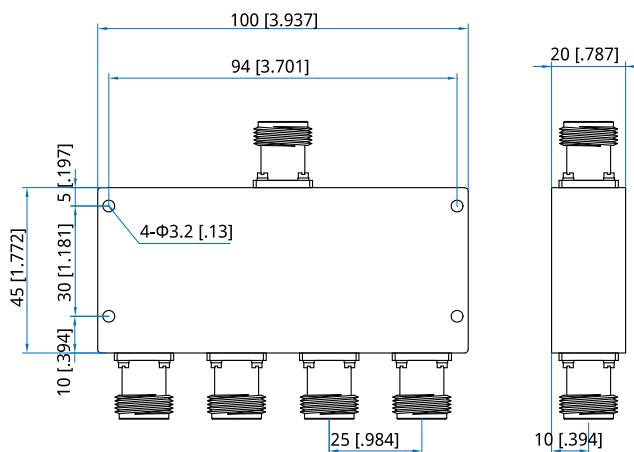
Size ^{*1} :	45*100*20mm 1.772*3.937*0.787in
Connectors:	N Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-700-2000](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-700-2700-30-S

4-Way, 0.7~2.7GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.7~2.7GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$ max.
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

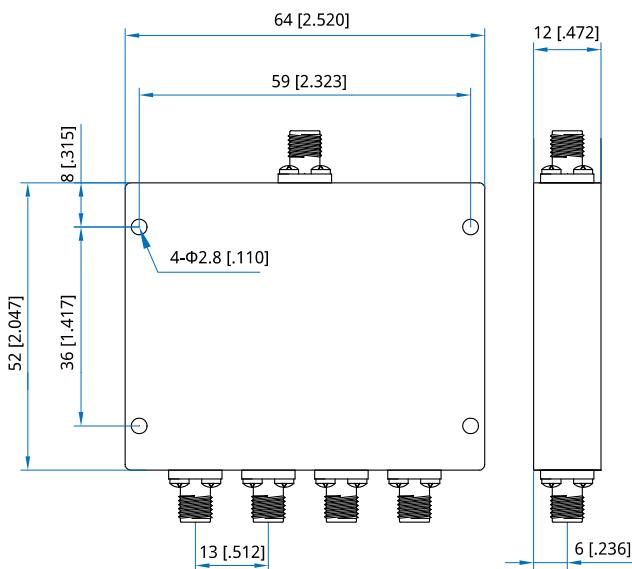
Size ^{*1} :	52*64*12mm 2.047*2.52*0.472in
Weight:	95g
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-700-2700-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-700-3000

4-Way, 0.7~3GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.7~3GHz
Insertion Loss:	0.8dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

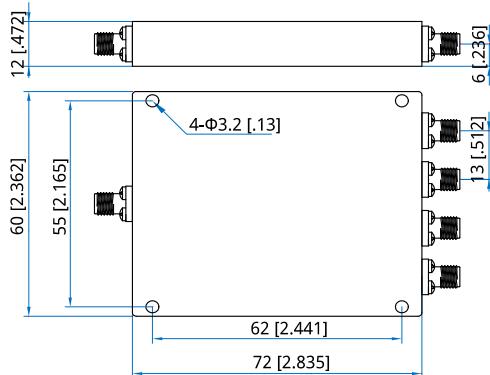
Size ^{*1} :	72*60*12mm
	2.835*2.362*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-700-3000](#)

Customization is available upon request.

NPD4-700-4000

4-Way, 0.7~4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.7~4GHz
Insertion Loss:	1dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max. (SMA) ±0.4dB (N)
Phase Balance:	±3° (SMA) ±4° (N)
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Mounting:	4-Φ2.8mm through-hole (SMA) 4-Φ3.2mm through-hole (N)
-----------	--

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-700-4000-X-Y
 X: Average power as divider
 Y: Connector type

Connector naming rules:

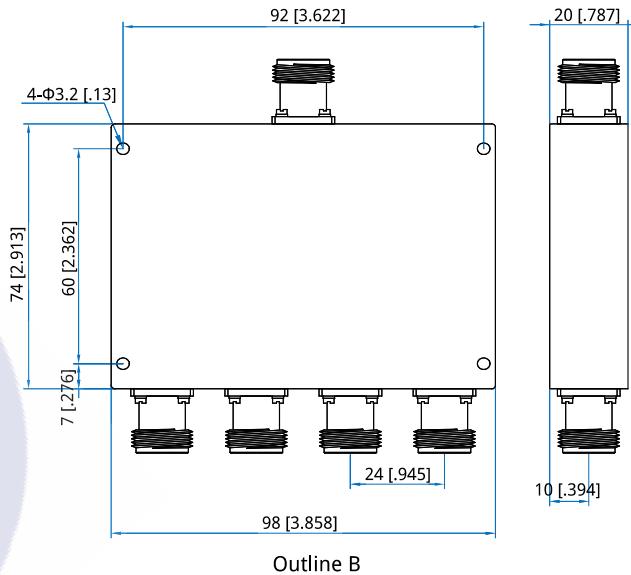
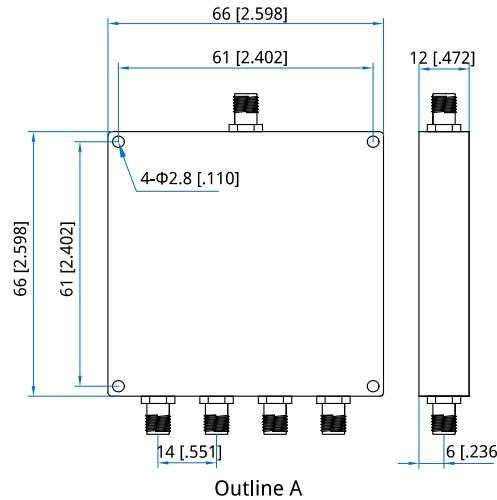
S - SMA Female (Outline A)
 N - N Female (Outline B)

Examples:

To order a 4-way power divider, 0.7~4GHz, 30W, N female, specify NPD4-700-4000-30-N.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]



4-Way Power Divider/Combiner

NPD4-700-4700

4-Way, 0.7~4.7GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.7~4.7GHz
Insertion Loss:	1.6dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

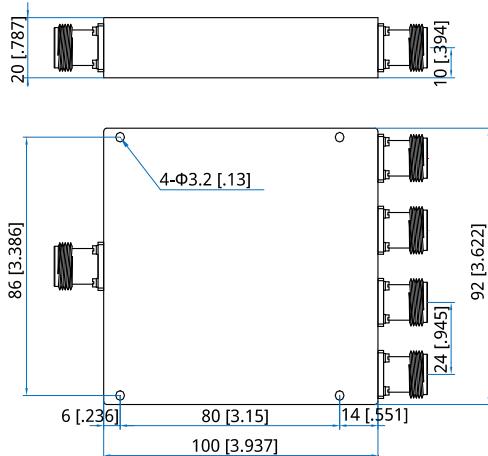
Size ^{*1} :	100*92*20mm
	3.937*3.622*0.787in
Connectors:	N Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-700-4700

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-700-5000

4-Way, 0.7~5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.7~5GHz
Insertion Loss:	2.0dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	5°
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

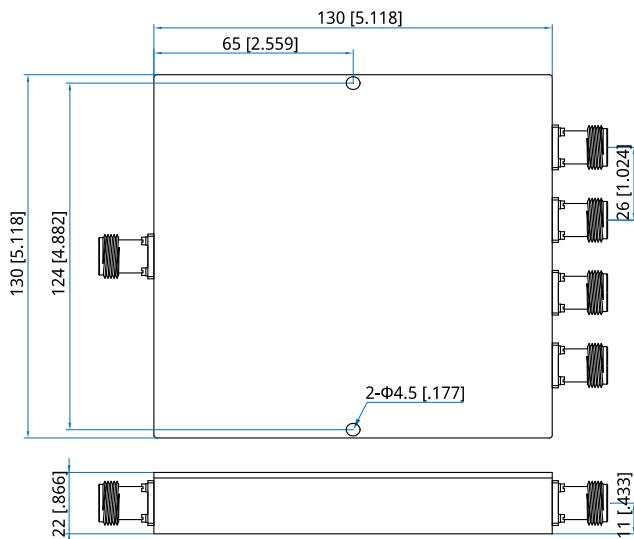
Size ^{*1} :	130*130*22mm
	5.118*5.118*0.866in
Connectors:	N Female
Mounting:	2-Φ4.5mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-700-5000

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-750-1710

4-Way, 0.75~1.71GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.75~1.71GHz
Insertion Loss:	0.4dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

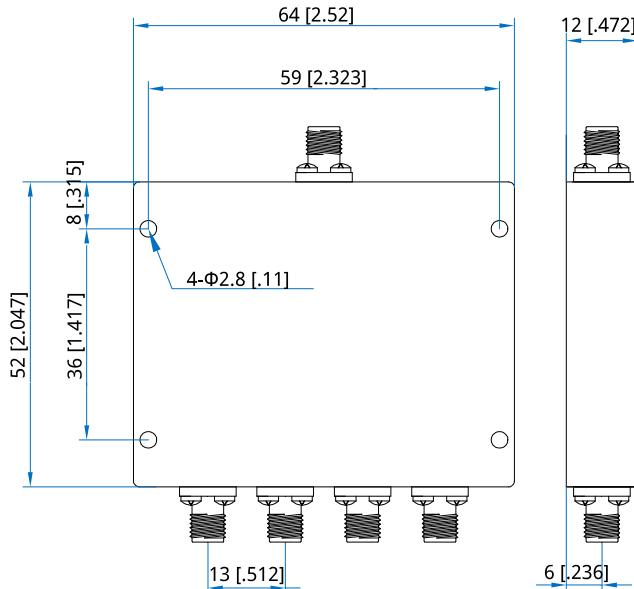
Size ^{*1} :	52*64*12mm
	2.047*2.52*0.472in
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-750-1710

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-800-2500

4-Way, 0.8~2.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.8~2.5GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	$\pm 0.3\text{dB}$
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

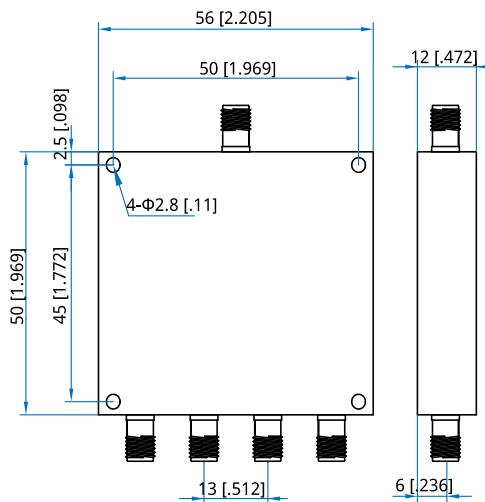
Size ^{*1} :	50*56*12mm
	1.969*2.205*0.472in
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-800-2500

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-800-2500-K2

4-Way, 0.8~2.5GHz, 200W

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.8~2.5GHz
Insertion Loss:	0.8dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	4° max.
Impedance:	50Ω
Average Power:	200W

Mechanical

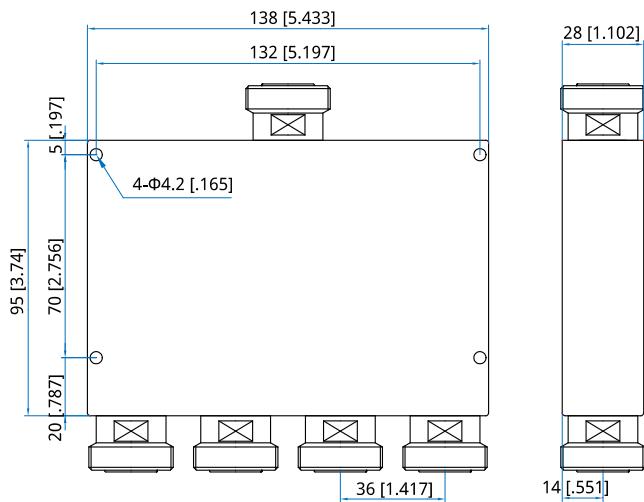
Size ^{*1} :	95*138*28mm
	3.745.433*1.102in
Connectors:	7/16 DIN Female
Mounting:	4-Φ4.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -30~+70°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

[NPD4-800-2500-K2](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-800-2700-30-S

4-Way, 0.8~2.7GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.8~2.7GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

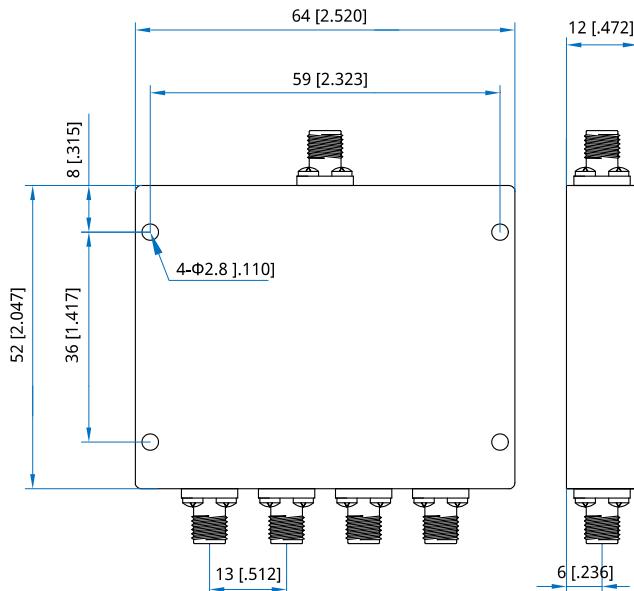
Size ^{*1} :	52*64*12mm 2.047*2.52*0.472in
Weight:	95g
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-800-2700-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-800-4200

4-Way, 0.8~4.2GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.8~4.2GHz
Insertion Loss:	1.8dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	200W max. 5W max. as combiner

Mechanical

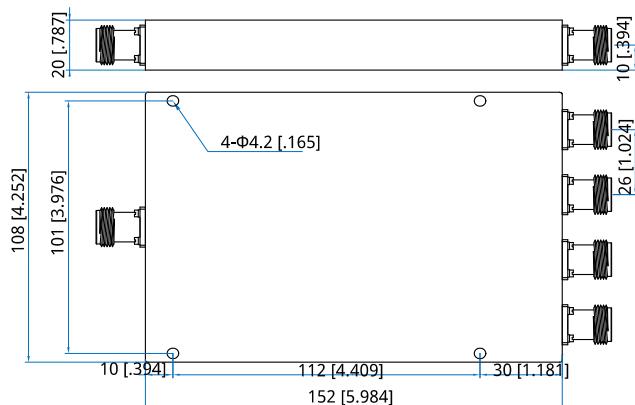
Size ^{*1} :	152*108*20mm 5.984*4.252*0.787in
Connectors:	N Female
Mounting:	4-Φ4.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-800-4200

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-800-5000-20-S

4-Way, 0.8~5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.8~5GHz
Insertion Loss:	1dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.25 max.
Isolation:	18dB min.
Amplitude Balance:	$\pm 0.15\text{dB}$
Phase Balance:	$\pm 2^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

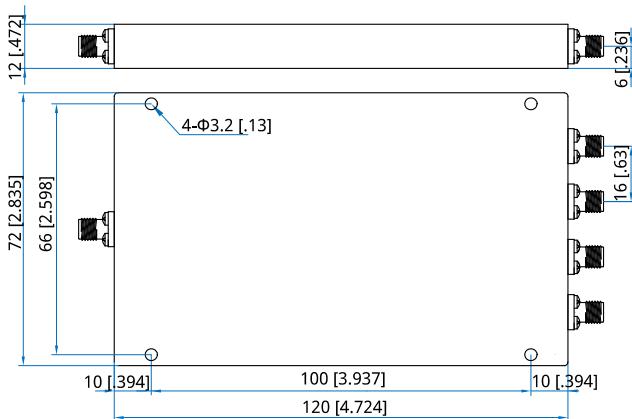
Size ^{*1} :	120*72*12mm 4.724*2.835*0.472in
Weight:	260g
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-800-5000-20-S

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-850-2150-30-N

4-Way, 0.85~2.15GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.85~2.15GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	22dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

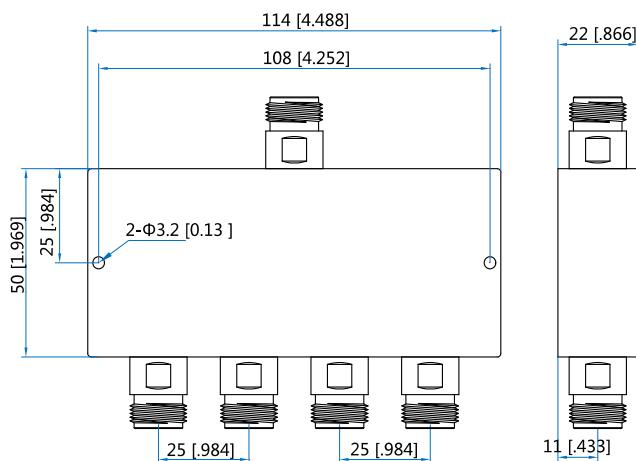
Size ^{*1} :	50*114*22mm 1.969*4.488*0.866in
Connectors:	N Female
Mounting:	2-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-850-2150-30-N

Customization is available upon request.

NPD4-950-2150

4-Way, 0.95~2.15GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.95~2.15GHz
Insertion Loss:	3dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	30dB min.
Amplitude Balance:	0.2dB max. (SMA) 0.3dB max. (N & SMA)
Phase Balance:	±3°
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Mounting:	4-Φ4.4mm through-hole (SMA) 4-M4 through-hole (N & SMA)
-----------	--

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-950-2150-X-Y
 X: Average power as divider
 Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

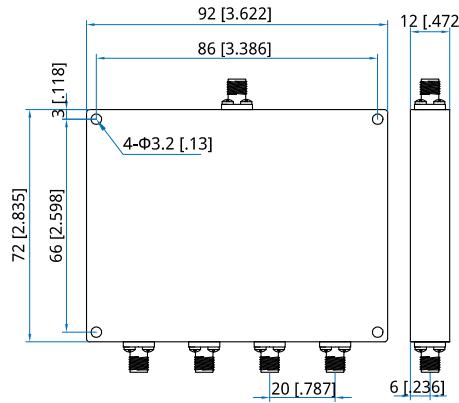
NS - N Female & SMA Female (Outline B)

Examples:

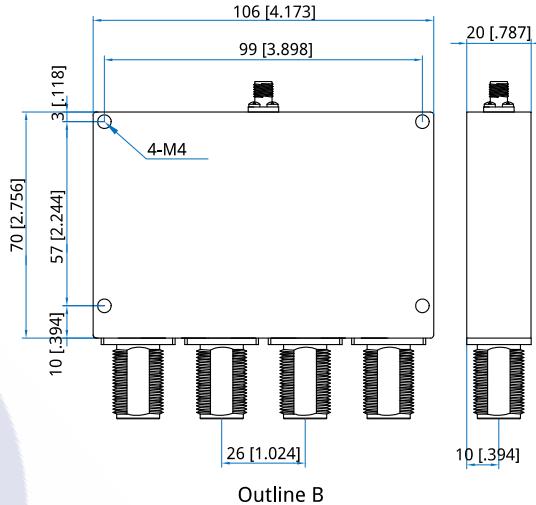
To order a 4-way power divider, 0.95~2.15GHz, 30W, SMA female, specify NPD4-950-2150-30-S.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

NPD4-950-2150-DC

4-Way, 0.95~2.15GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	0.95~2.15GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner
Voltage:	+24V DC
Current:	3A

Mechanical

Mounting: 4-Φ3.2mm through-hole

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-950-2150-X-Y-DC

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA female (Outline A)

N - N female (Outline B)

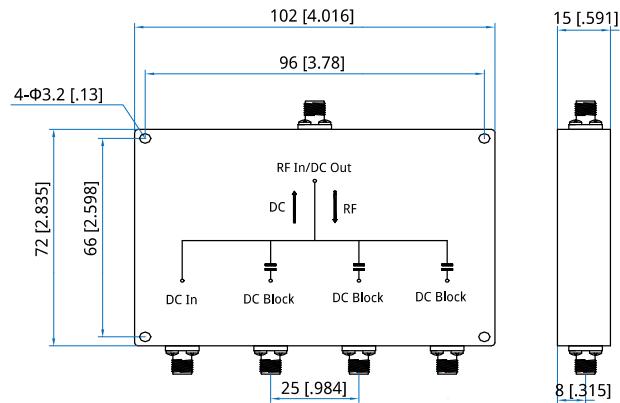
Examples:

To order a 4-Way Power Divider/Combiner, 0.95~2.15GHz,

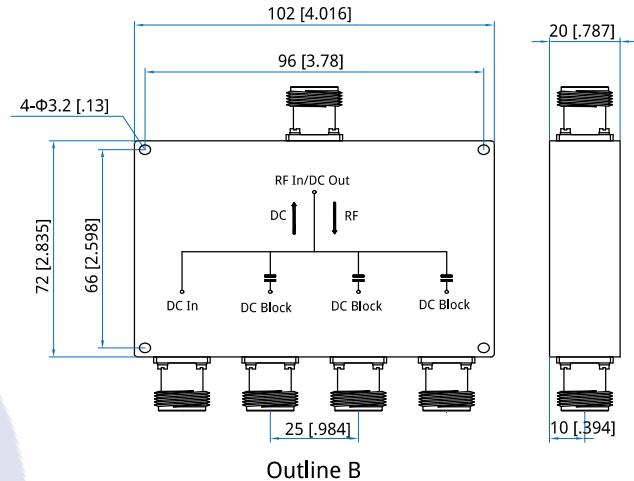
30W, SMA Female, specify NPD4-950-2150-30-S-DC.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm} [\pm 0.02\text{in}]$



4-Way Power Dividers/Combiners

NPD4-1000-2000

4-Way, 1~2GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	1~2GHz
Insertion Loss:	0.6dB max. (SMA) 0.8dB max. (N)
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	25dB min. (SMA) 20dB min. (N)
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50 Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Mounting:	4- Φ 2.8mm through-hole (SMA) 4- Φ 3.2mm through-hole (N)
-----------	--

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-1000-2000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

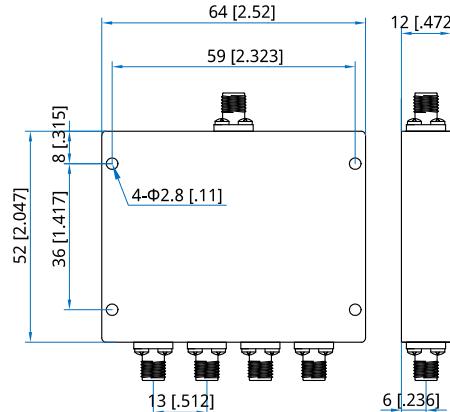
N - N Female (Outline B)

Examples:

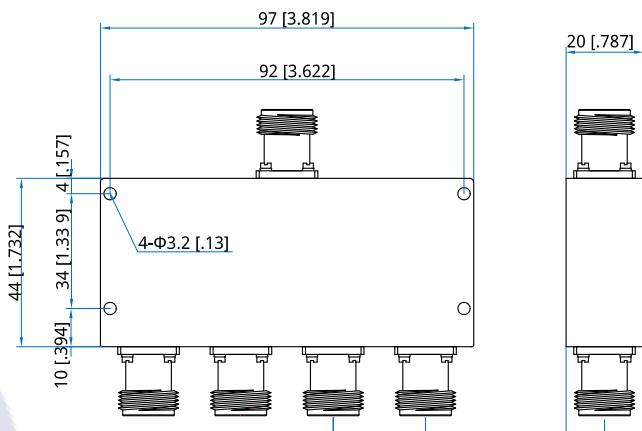
To order a 4-way power divider, 1~2GHz, 30W, N female,
specify NPD4-1000-2000-30-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

NPD4-1000-2500

4-Way, 1~2.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	1~2.5GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	100W max. 10W max. as combiner

Mechanical

Size ^{*1} :	114*110*22mm 4.488*4.331*0.866in
Weight:	650g
Mounting:	4-Φ4.4mm through-hole

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-1000-2500-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

N - N Female (Outline A)

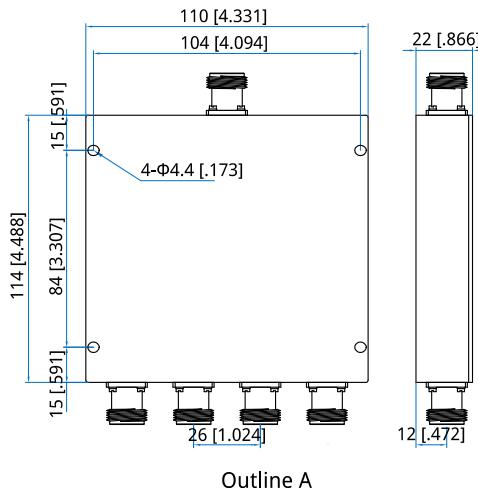
NS - N Female & SMA Female (Outline B)

Examples:

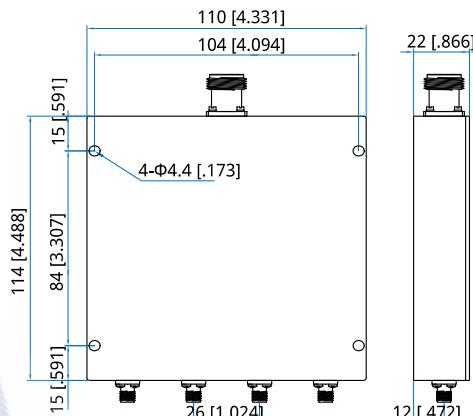
To order a 4-way power divider, 1~2.5GHz, 100W, N female, specify NPD4-1000-2500-K1-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm} [\pm 0.02\text{in}]$



4-Way Power Divider/Combiner

NPD4-1000-3000-30-S

4-Way, 1~3GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	1~3GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

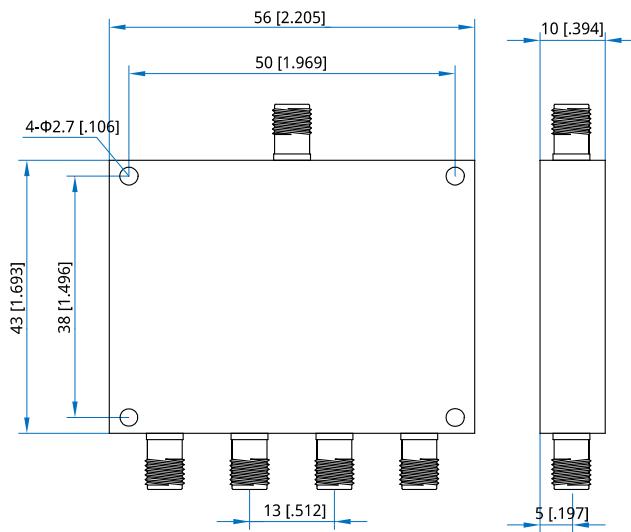
Size ^{*1} :	56*43*10mm 2.205*1.693*0.394in
Weight:	58g
Connectors:	SMA Female
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm} [\pm 0.02\text{in}]$

How To Order

[NPD4-1000-3000-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-1000-4000-30-S

4-Way, 1~4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	1~4GHz
Insertion Loss:	0.8dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

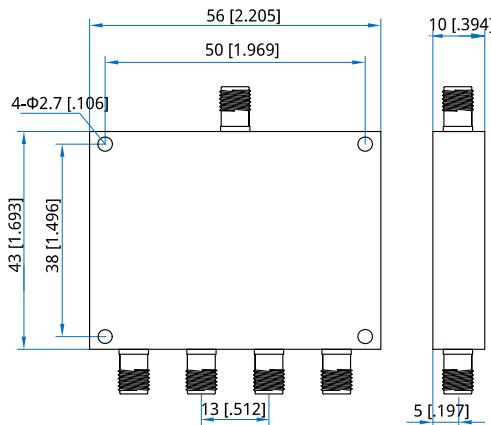
Size ^{*1} :	43*56*10mm
	1.693*2.205*0.394in
Connectors:	SMA Female
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-1000-4000-30-S

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-1000-8000-30-S

4-Way, 1~8GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	1~8GHz
Insertion Loss:	1.5dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	20dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 5^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

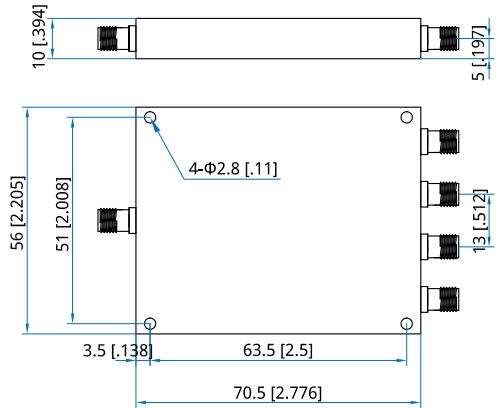
Size ^{*1} :	70.5*56*10mm 2.776*2.205*0.394in
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-1000-8000-30-S

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-1000-18000-20-S

4-Way, 1~18GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	1~18GHz
Insertion Loss:	3.0dB max.
Input VSWR:	1.55 max.
Output VSWR:	1.5 max.
Isolation:	16dB min.
Amplitude Balance:	0.5dB max.
Phase Balance:	$\pm 6^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

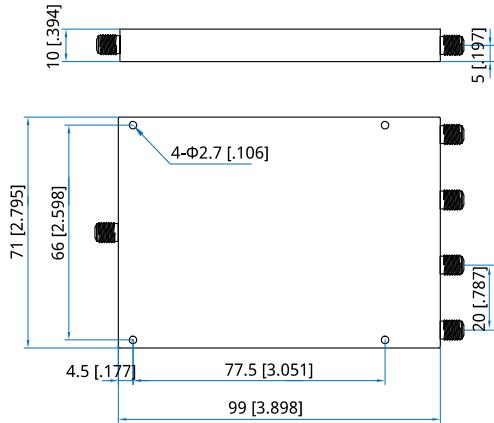
Size ^{*1} :	99*71*10mm 3.898*2.795*0.394in
Weight:	174g
Connectors:	SMA Female
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-1000-18000-20-S

Customization is available upon request.



4-Way Power Dividers/Combiners

NPD4-1100-1700

4-Way, 1.1~1.7GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	1.1~1.7GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Power Supply:	DC
Mounting:	4-Φ3.2mm through-hole

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-1100-1700-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

B - BNC Female (Outline A)

T - TNC Female (Outline B)

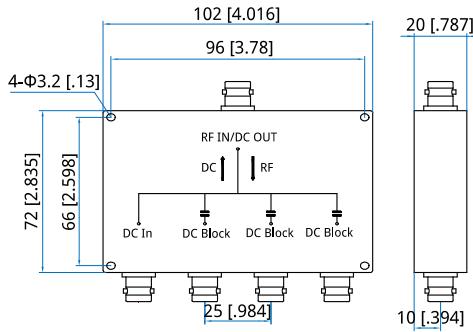
N - N Female (Outline C)

Examples:

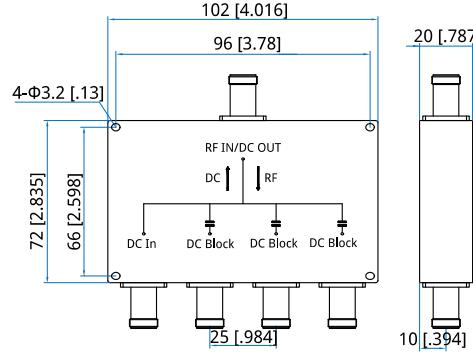
To order a 4-way power divider, 1.1~1.7GHz, 30W, N female, specify NPD4-1100-1700-30-N.

Customization is available upon request.

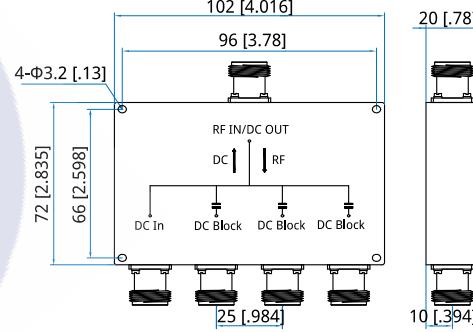
Outline Drawings



Outline A



Outline B



Outline C

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]



4-Way Power Divider/Combiner

NPD4-1100-2700-K1-S

4-Way, 1.1~2.7GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	1.1~2.7GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	100W max. 10W max. as combiner

Mechanical

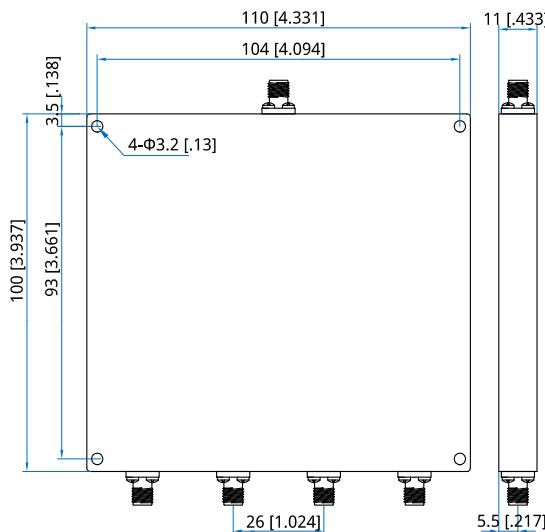
Size ^{*1} :	100*110*11mm
	3.937*4.331*0.433in
Weight:	650g
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-1100-2700-K1-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-1300-2400

4-Way, 1.3~2.4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	1.3~2.4GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	22dB min.
Amplitude Balance:	0.1dB max.
Phase Balance:	$\pm 1^\circ$ max.
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

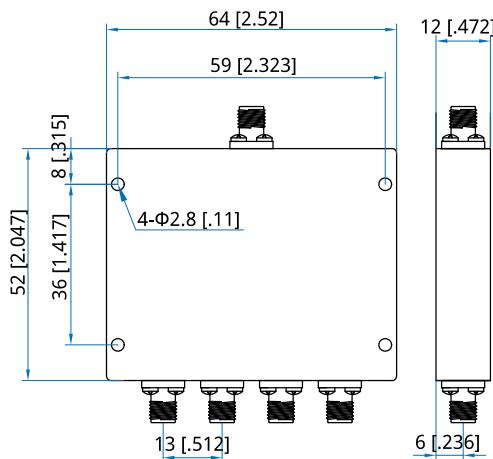
Size ^{*1} :	52*64*12mm
	2.047*2.52*0.472in
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-1300-2400](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-1900-5800-30-S

4-Way, 1.9~5.8GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

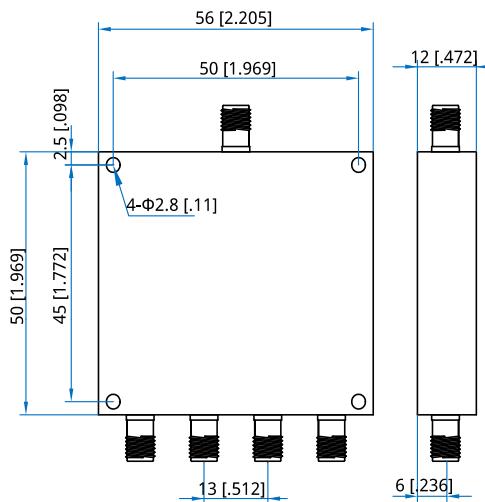
Frequency:	1.9~5.8GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Size ^{*1} :	56*50*12mm 2.205*1.969*0.472in
Weight:	85g
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-1900-5800-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-2000-2400-30-N

4-Way, 2~2.4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2~2.4GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

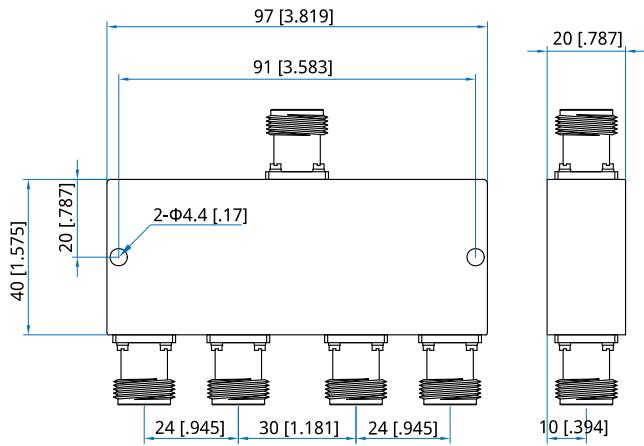
Size ^{*1} :	97*40*20mm 3.819*1.575*0.787in
Weight:	300g
Connectors:	N Female
Mounting:	2-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm} [\pm 0.02\text{in}]$

How To Order

[NPD4-2000-2400-30-N](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-2000-4000-30-S

4-Way, 2~4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2~4GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

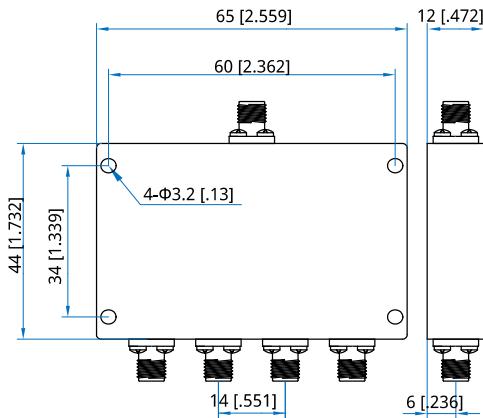
Size ^{*1} :	36*65*12mm
	1.417*2.559*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-2000-4000-30-S

Customization is available upon request.

NPD4-2000-6000

4-Way, 2~6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2~6GHz
Insertion Loss:	0.6dB max. (SMA) 1dB max. (N)
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	22dB min. (SMA) 20dB min. (N)
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Mounting:	4-Φ2.8mm through-hole (SMA) 4-Φ3.2mm through-hole (N)
-----------	--

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-2000-6000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

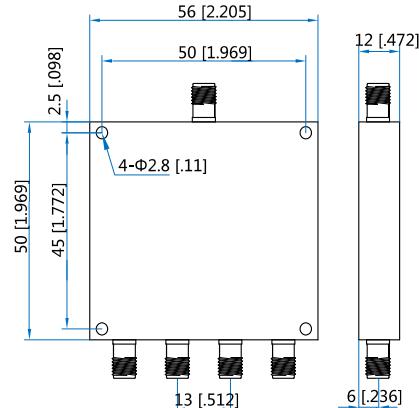
N - N Female (Outline B)

Examples:

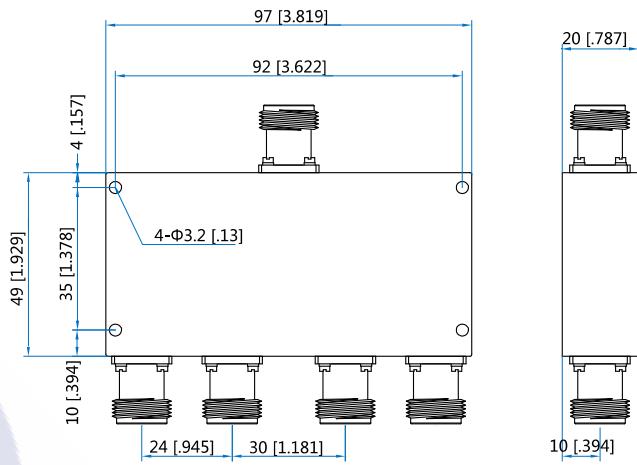
To order a 4-way power divider, 2~6GHz, 30W, N female,
specify NPD4-2000-6000-30-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm} [\pm 0.02\text{in}]$



4-Way Power Divider/Combiner

NPD4-2000-6000-50-S

4-Way, 2~6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2~6GHz
Insertion Loss:	1.5dB max.
Input VSWR:	1.35 max.
Output VSWR:	1.25 max.
Isolation:	18dB min.
Amplitude Balance:	± 0.3 dB
Phase Balance:	$\pm 4^\circ$
Impedance:	50 Ω
Average Power:	50W max. 2.5W max. as combiner

Mechanical

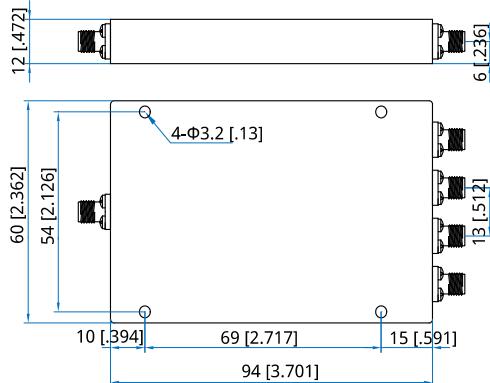
Size ^{*1} :	94*60*10mm 3.701*2.362*0.394in
Weight:	220g
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -40~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

NPD4-2000-6000-50-S

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-2000-6000

4-Way, 2~6GHz, 400W

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2~6GHz
Insertion Loss:	0.8dB max.
VSWR:	1.6 max.
Isolation:	15dB min.
Phase Balance:	10° max.
Amplitude Balance:	±0.5dB max.
Average Power:	400W max.

Mechanical

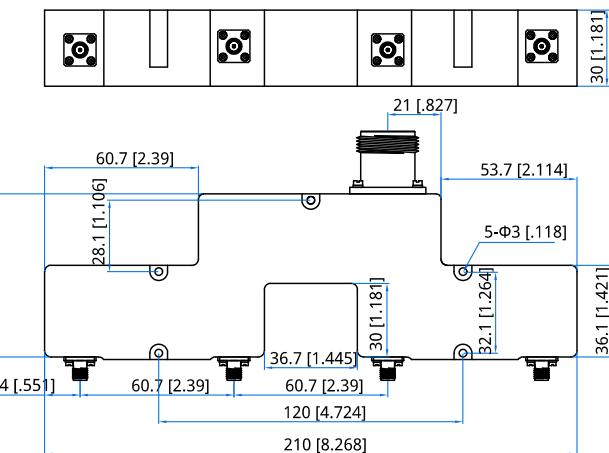
Size ^{*1} :	210*64.2*30mm
	8.268*1.528*1.181in
Connectors:	SMA Female, N Female
Mounting:	5-Φ3mm through-hole

[1] Exclude connectors.

Environmental

Temperature: -55~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NPD4-2000-6000

Customization is available upon request.



4-Way Power Dividers/Combiners

NPD4-2000-8000

4-Way, 2~8GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2~8GHz
Insertion Loss:	1.2dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Mounting: 4-Φ2.7mm through-hole (SMA)
4-Φ3.2mm through-hole (N)

Environmental

Operation Temperature: -45~+85°C

How To Order

NPD4-2000-8000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

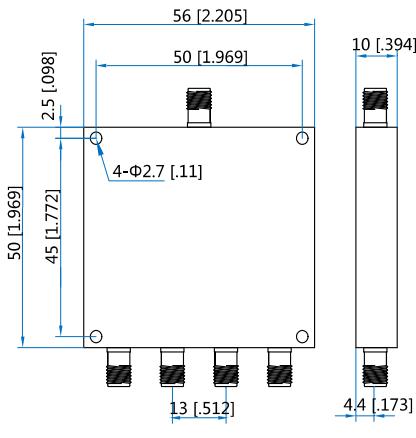
N - N Female (Outline B)

Examples:

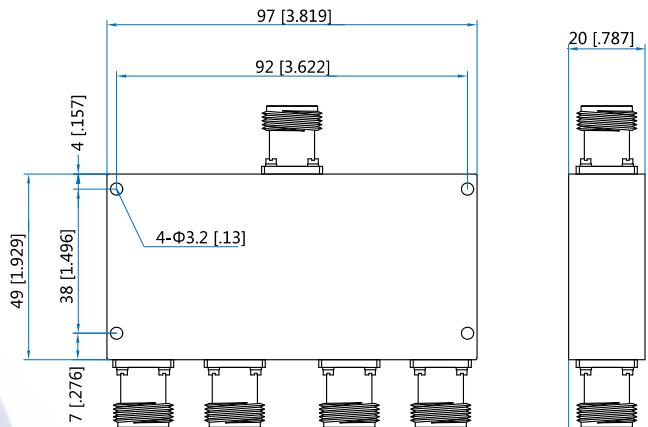
To order a 4-way power divider, 2~8GHz, 30W, N female, specify NPD4-2000-8000-30-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]



4-Way Power Divider/Combiner

NPD4-2000-9000-30-S

4-Way, 2~9GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2~9GHz
Insertion Loss:	1.8dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

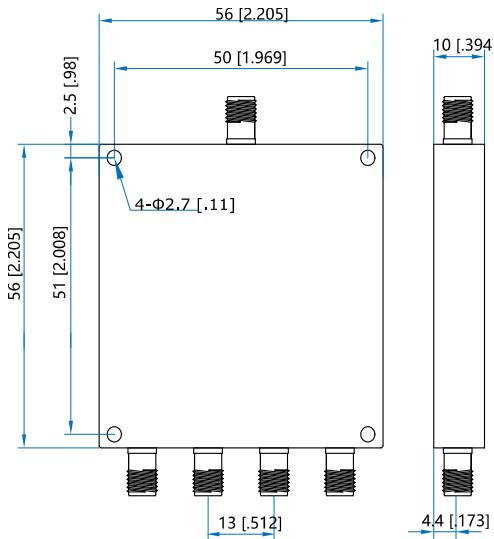
Size ^{*1} :	56*56*10mm 2.205*2.205*0.394in
Connectors:	SMA Female
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-2000-9000-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-2000-12000-20-S

4-Way, 2~12GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2~12GHz
Insertion Loss:	1.6dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.4 max.
Isolation:	17dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 5^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

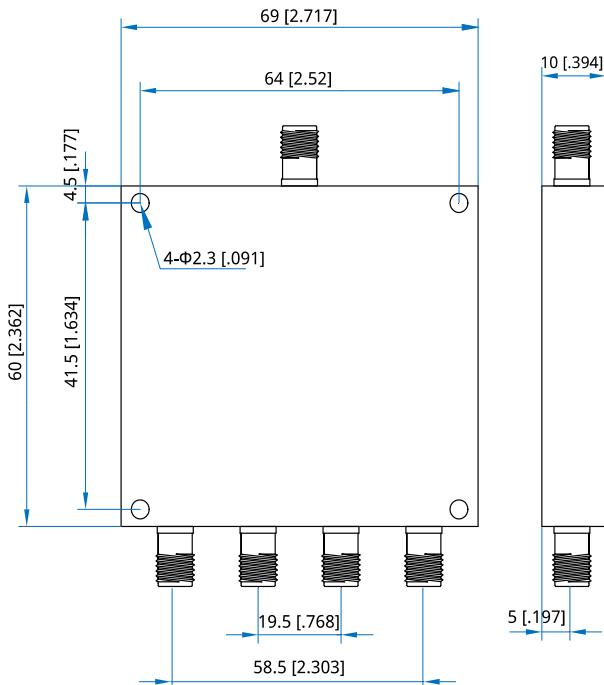
Size ^{*1} :	69*60*10mm 2.717*2.362*0.394in
Weight:	108g
Connectors:	SMA Female
Mounting:	4-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.3\text{mm}$ [$\pm 0.012\text{in}$]

How To Order

NPD4-2000-12000-20-S

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-2000-18000-20-S

4-Way, 2~18GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2~18GHz
Insertion Loss:	2.0dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.4 max.
Isolation:	17dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 6^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

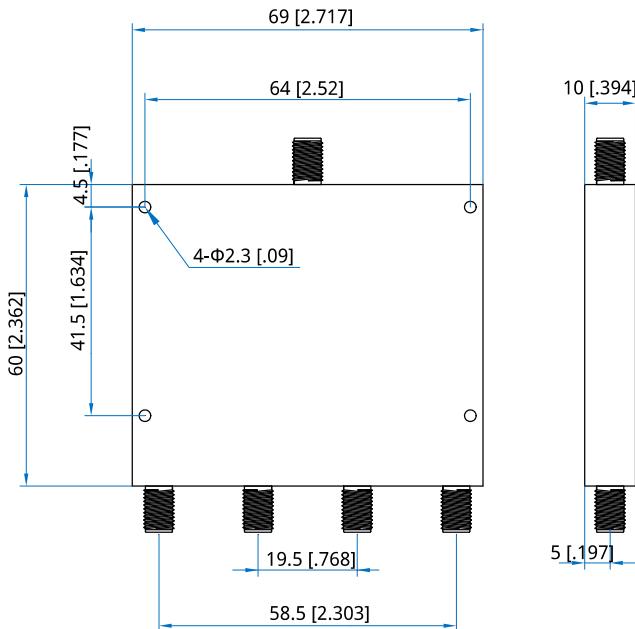
Size ^{*1} :	60*69*10mm 2.362*2.717*0.394in
Weight:	108g
Connectors:	SMA Female
Mounting:	4-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.3\text{mm} [\pm 0.012\text{in}]$

How To Order

NPD4-2000-18000-20-S

Customization is available upon request.



4-Way Power Dividers/Combiners

NPD4-2000-26500

4-Way, 2~26.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2~26.5GHz
Insertion Loss:	2.6dB max.
Input VSWR:	1.7 max.
Output VSWR:	1.5 max.
Isolation:	16dB min.
Amplitude Balance:	±0.5dB
Phase Balance:	±6°
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

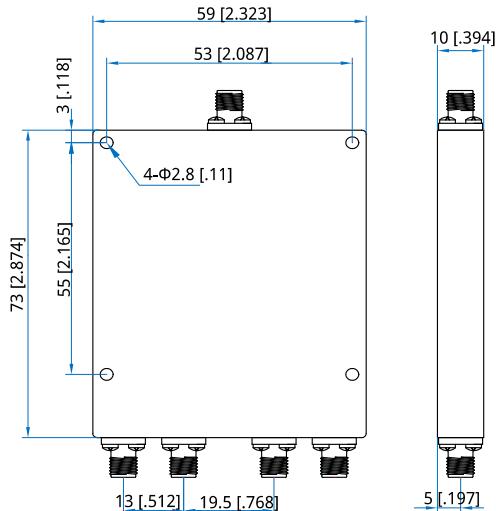
Size ^{*1} :	73*59*10mm 2.874*2.323*0.394in
Connectors:	SMA Female or 2.92mm Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-2000-26500-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female

K - 2.92mm Female

Examples:

To order a 4-way power divider, 2~26.5GHz, 20W, 2.92mm female, specify NPD4-2000-26500-20-K.

Customization is available upon request.

NPD4-2000-40000-20-K

4-Way, 2~40GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2~40GHz
Insertion Loss:	3dB max.
Input VSWR:	2.1 max.
Output VSWR:	1.6 max.
Isolation:	15dB min.
Amplitude Balance:	±0.5dB
Phase Balance:	±10°
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

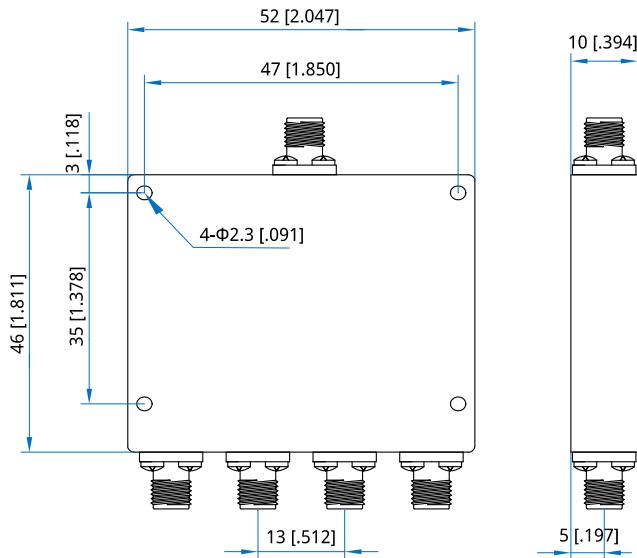
Size ^{*1} :	52*46*10mm 2.047*1.811*0.394in
Weight:	120g
Connectors:	2.92mm Female (Stainless steel)
Mounting:	4-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

[NPD4-2000-40000-20-K](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-2400-5900-50-N

4-Way, 2.4~5.9GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2.4~5.9GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	50W max. 3W max. as combiner

Mechanical

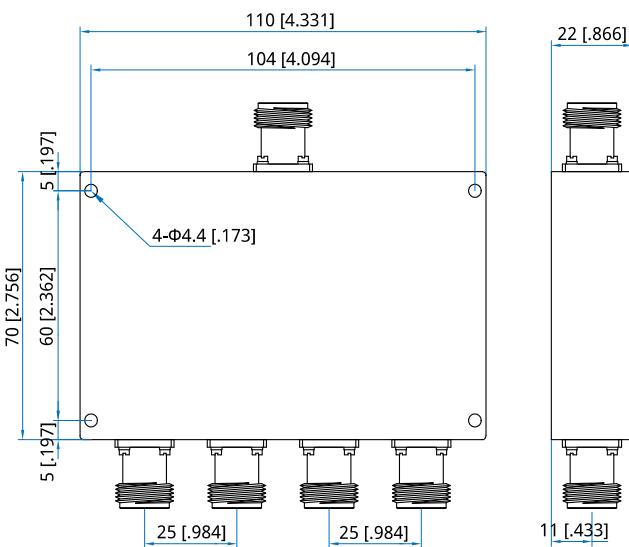
Size ^{*1} :	70*110*22mm 2.756*4.331*0.866in
Weight:	500g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-2400-5900-50-N

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-2400-5900-K1-N

4-Way, 2.4~5.9GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2.4~5.9GHz
Insertion Loss:	1dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	100W max. 10W max. as combiner

Mechanical

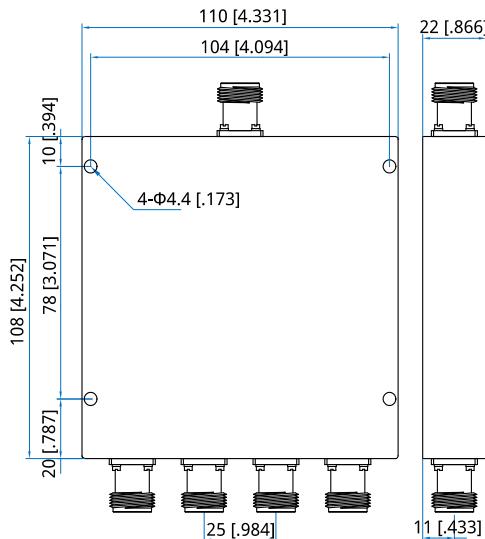
Size ^{*1} :	108*110*22mm 4.252*4.331*0.866in
Weight:	680g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-2400-5900-K1-N

Customization is available upon request.



4-Way Power Dividers/Combiners

NPD4-2400-6000

4-Way, 2.4~6GHz

Features:

- * Small Size
- * Low Insertion Loss
- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2.4~6GHz
Insertion Loss:	1.2dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	100W max.
	10W max. as combiner

Mechanical

Size*: 108*110*22mm
4.252*4.331*0.866in
Weight: 550g
Mounting: 4-Φ4.4mm through-hole

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD4-2400-6000-X-Y
X: Average power as divider
Y: Connector type

Connector naming rules:

N - N Female (Outline A)

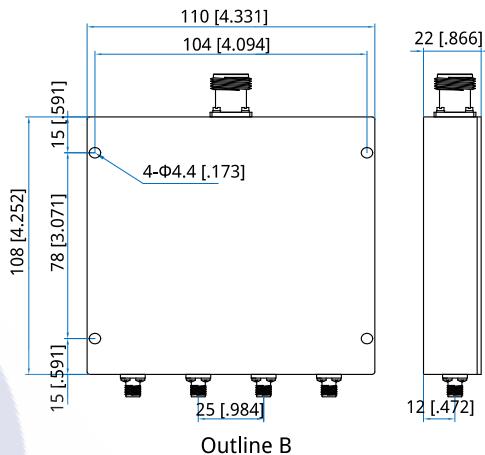
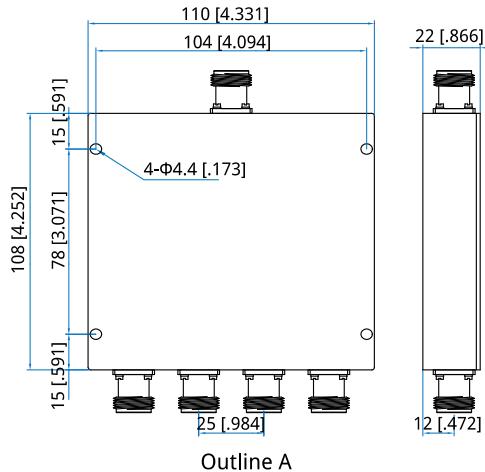
NS - N Female & SMA Female (Outline B)

Examples:

To order a 4-way power divider, 2.4~6GHz, 100W, N female, specify NPD4-2400-6000-K1-N.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]



4-Way Power Divider/Combiner

NPD4-2500-4000-K2-N

4-Way, 2.5~4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2.5~4GHz
Insertion Loss:	1dB max.
Input VSWR:	1.35 max.
Output VSWR:	1.25 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	200W max. 20W max. as combiner

Mechanical

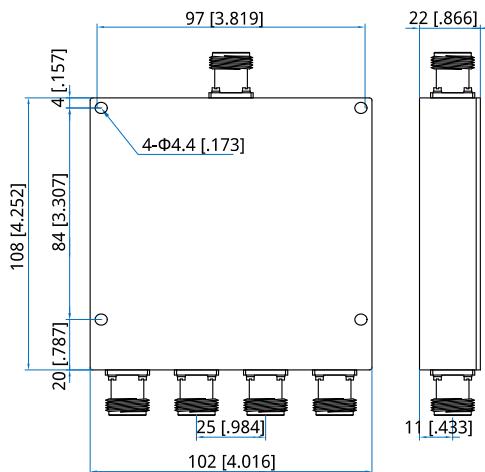
Size ^{*1} :	108*102*22mm
	4.252*4.016*0.866in
Weight:	850g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-2500-4000-K2-N](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-2600-3500-K15-N

4-Way, 2.6~3.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	2.6~3.5GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.2dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	150W max. 10W max. as combiner

Mechanical

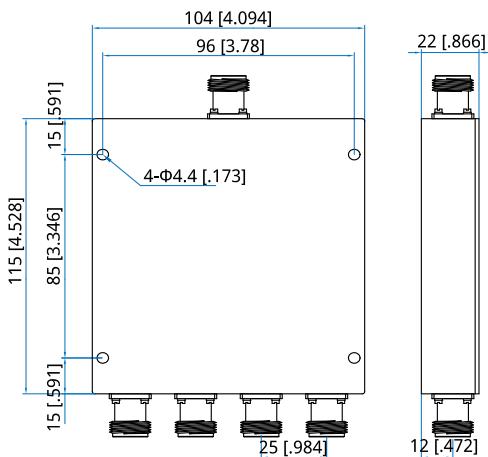
Size ^{*1} :	115*104*22mm 4.528*4.094*0.866in
Weight:	700g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-2600-3500-K15-N

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-3000-5000-K1-N

4-Way, 3~5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	3~5GHz
Insertion Loss:	0.8dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	100W max. 10W max. as combiner

Mechanical

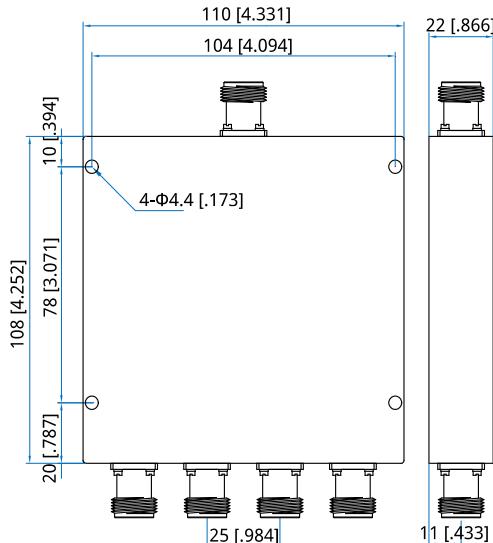
Size ^{*1} :	108*110*22mm 4.331*4.252*0.866in
Weight:	680g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-3000-5000-K1-N](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-3400-3800-30-N

4-Way, 3.4~3.8GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	3.4~3.8GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	±0.2dB
Phase Balance:	±3°
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

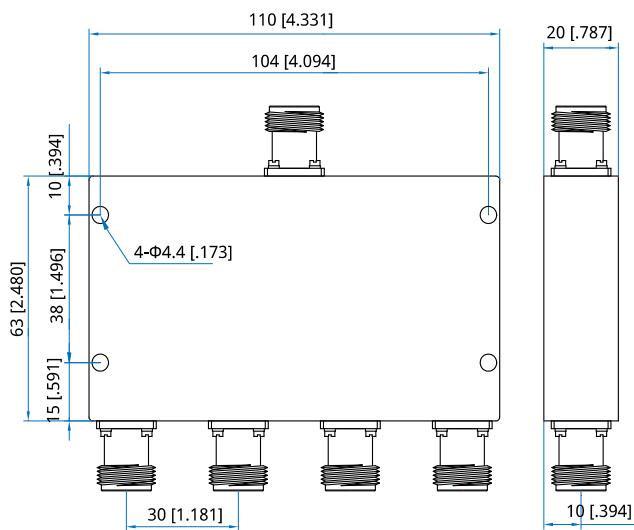
Size ^{*1} :	63*110*20mm 2.48*4.331*0.787in
Weight:	350g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-3400-3800-30-N

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-3400-3800-K1-N

4-Way, 3.4~3.8GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	3.4~3.8GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.2dB
Phase Balance:	±3°
Impedance:	50Ω
Average Power:	100W max. 10W max. as combiner

Mechanical

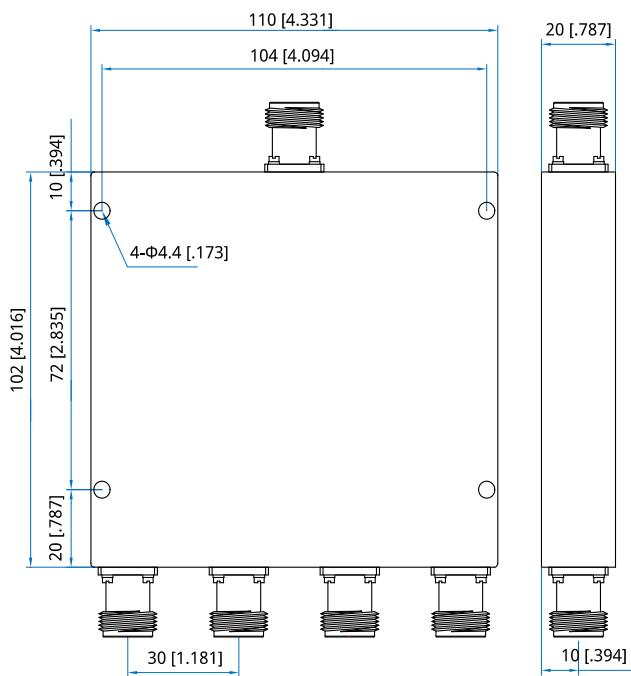
Size ^{*1} :	102*110*20mm 4.016*4.331*0.787in
Weight:	650g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-3400-3800-K1-N

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-3400-4800

4-Way, 3.4~4.8GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	3.4~4.8GHz
Insertion Loss:	0.8dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	25dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

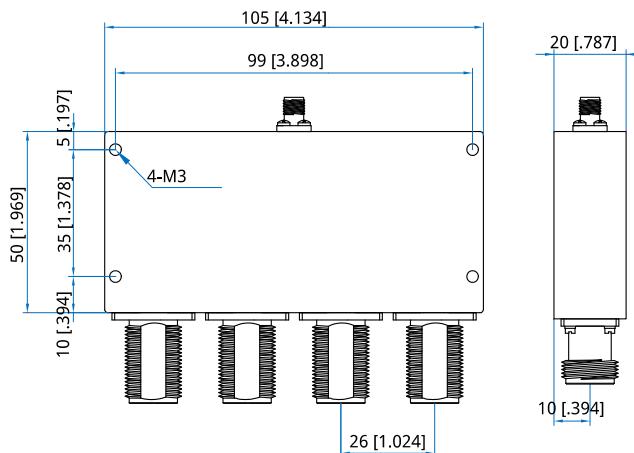
Size ^{*1} :	50*105*20mm 1.969*4.134*0.787in
Input Connector:	SMA Female
Output Connector:	N Female
Mounting:	4-M3 through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-3400-4800

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-4000-8000-30-S

4-Way, 4~8GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	4~8GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

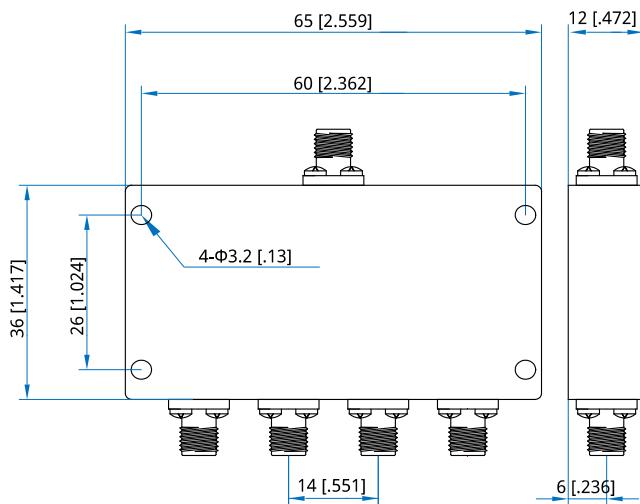
Size ^{*1} :	36*65*12mm
	1.417*2.559*0.472in
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-4000-8000-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-4000-12000-20-S

4-Way, 4~12GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	4~12GHz
Insertion Loss:	1.2dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	±0.2dB
Phase Balance:	±4°
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

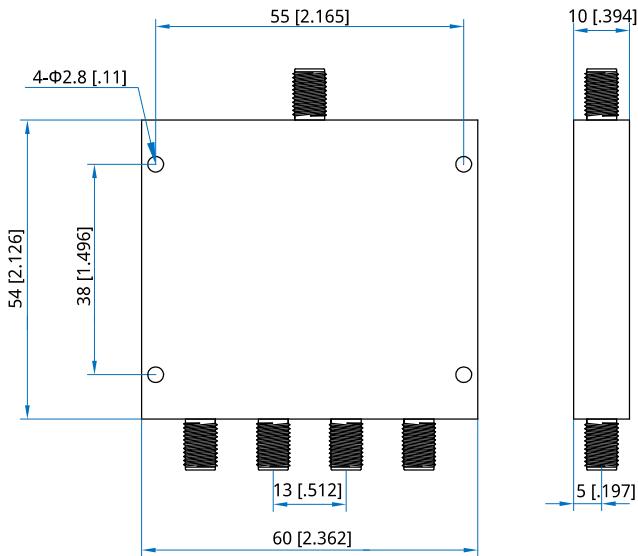
Size ^{*1} :	60*54*10mm 2.362*2.126*0.394in
Weight:	88g
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

[NPD4-4000-12000-20-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-5500-6000-30-SM

4-Way, 5.5~6GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	5.5~6GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

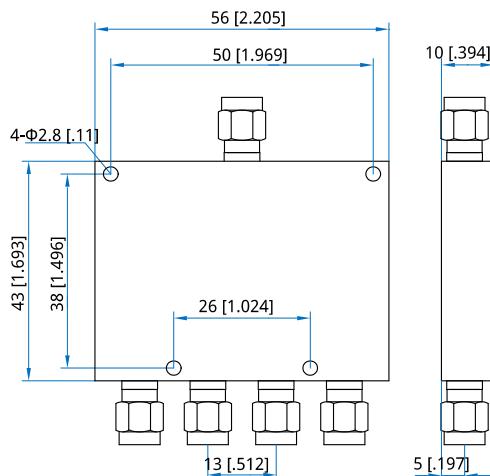
Size ^{*1} :	43*56*10mm
	1.693*2.205*0.394in
Connectors:	SMA Male
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-5500-6000-30-SM](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-6000-11000-20-S

4-Way, 6~11GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	6~11GHz
Insertion Loss:	1dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

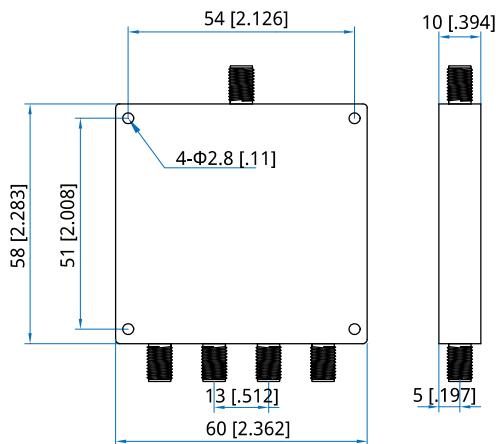
Size ^{*1} :	58*60*10mm 2.283*2.126*0.394in
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm} [\pm 0.02\text{in}]$

How To Order

[NPD4-6000-11000-20-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-6000-18000-20-S

4-Way, 6~18GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	6~18GHz
Insertion Loss:	1.2dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.5 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 6^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

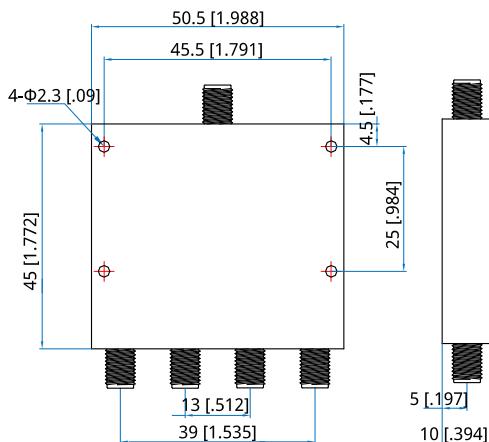
Size ^{*1} :	50.5*45*10mm
	1.988*1.772*0.394in
Weight:	110g
Connectors:	SMA Female
Mounting:	4-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm} [\pm 0.02\text{in}]$

How To Order

NPD4-6000-18000-20-S

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-6000-18000-50-S

4-Way, 6~18GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	6~18GHz
Insertion Loss:	1.5dB max.
VSWR:	1.6 max.
Isolation:	18dB min.
Amplitude Balance:	± 0.4 dB max.
Phase Balance:	$\pm 5^\circ$ max.
Impedance:	50Ω
Average Power:	50W

Mechanical

Size ^{*1} :	91*45*10mm
	3.583*1.772*0.394in
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD4-6000-18000-50-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-6900-7400-30-S

4-Way, 6.9~7.4GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	6.9~7.4GHz
Insertion Loss:	0.5dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.25 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

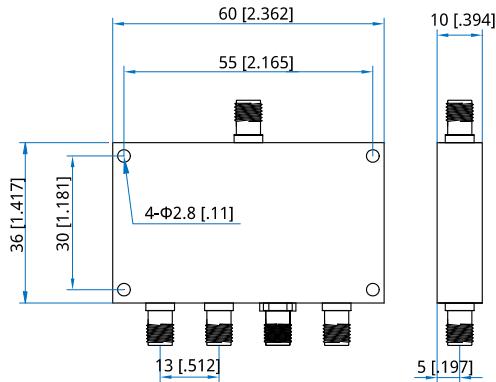
Size ^{*1} :	36*60*10mm 1.417*2.362*0.394in
Weight:	58g
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm} [\pm 0.02\text{in}]$

How To Order

[NPD4-6900-7400-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-7000-8500-30-S

4-Way, 7~8.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	7~8.5GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

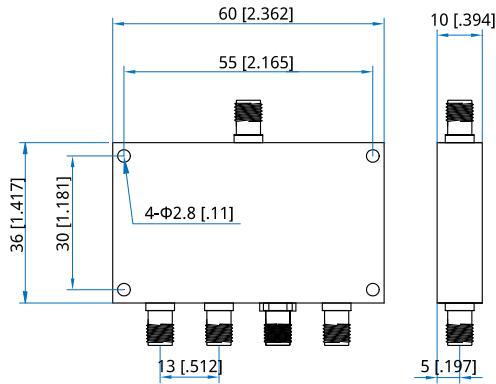
Size ^{*1} :	36*60*10mm
	1.417*2.362*0.394in
Weight:	65g
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-7000-8500-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-7000-9000-30-S

4-Way, 7~9GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	7~9GHz
Insertion Loss:	0.6dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 3^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

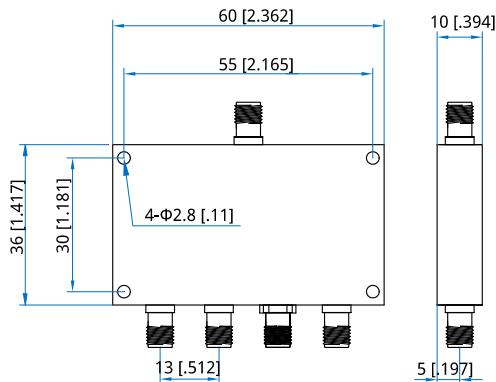
Size ^{*1} :	36*60*10mm
	1.417*2.362*0.394in
Weight:	58g
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm} [\pm 0.02\text{in}]$

How To Order

[NPD4-7000-9000-30-S](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-8000-12000-20-S

4-Way, 8~12GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	8~12GHz
Insertion Loss:	1.0dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 5^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

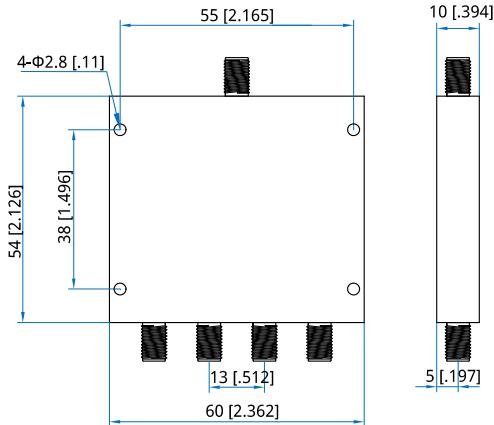
Size ^{*1} :	54*60*10mm 2.126*2.362*0.394in
Weight:	88g
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-8000-12000-20-S

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-8000-30000-20-K

4-Way, 8~30GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	8~30GHz
Insertion Loss:	1.6dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.5 max.
Isolation:	16dB min.
Amplitude Balance:	±0.4dB
Phase Balance:	±4°
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

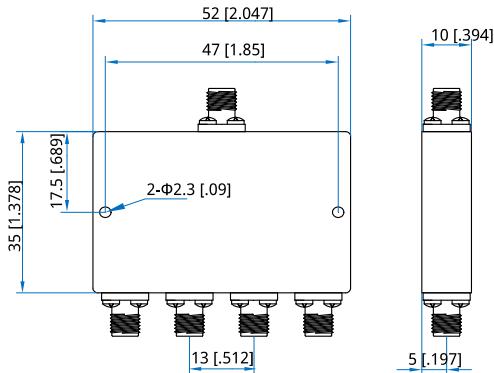
Size ^{*1} :	35*52*10mm 1.378*2.047*0.394in
Weight:	120g
Connectors:	2.92mm Female (Stainless steel)
Mounting:	2-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-8000-30000-20-K

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-10000-26500-20-K

4-Way, 10~26.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	10~26.5GHz
Insertion Loss:	1.5dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.3 max.
Isolation:	16dB min.
Amplitude Balance:	± 0.4 dB
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

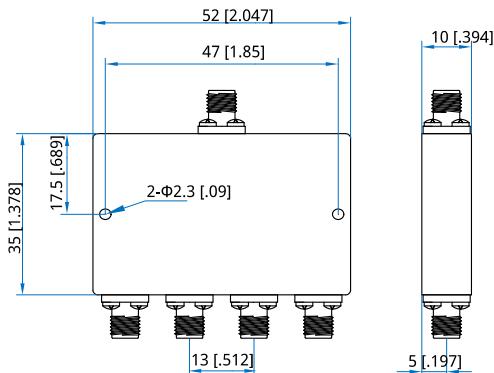
Size ^{*1} :	35*52*10mm
	1.378*2.047*0.394in
Connectors:	2.92mm Female
Mounting:	2-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD4-10000-26500-20-K](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-10000-40000-20-K

4-Way, 10~40GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	10~40GHz
Insertion Loss:	1.5dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.5 max.
Isolation:	16dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 6^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

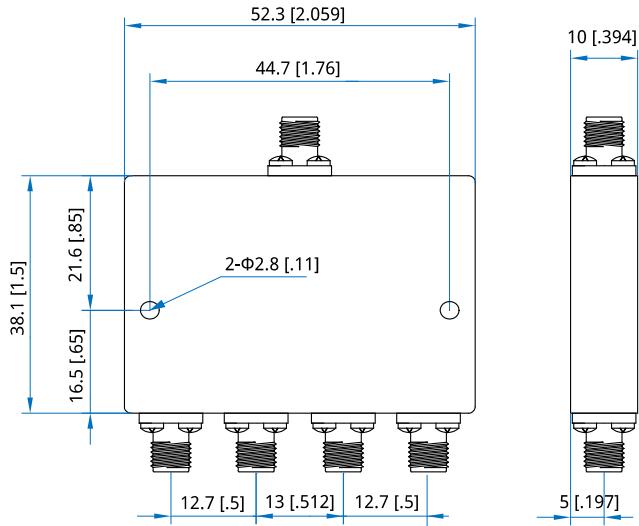
Size ^{*1} :	52.3*38.1*10mm 2.059*1.5*0.394in
Weight:	65g
Connectors:	2.92mm Female (Stainless steel)
Mounting:	2-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm} [\pm 0.02\text{in}]$

How To Order

NPD4-10000-40000-20-K

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-10700-12750-20-S

4-Way, 10.7~12.75GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	10.7~12.75GHz
Insertion Loss:	1.0dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 5^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

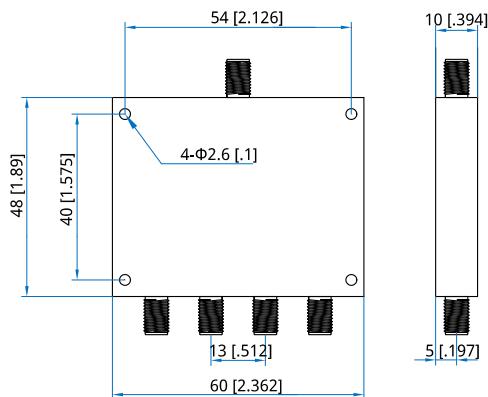
Size ^{*1} :	48*54*10mm 1.89*2.126*0.394in
Connectors:	SMA Female
Mounting:	4-Φ2.6mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-10700-12750-20-S

Customization is available upon request.

NPD4-10900-12700

4-Way, 10.9~12.7GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	10.9~12.7GHz
Insertion Loss:	1.0dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 5^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

Mounting:	4-Φ2.8mm through-hole (SMA)
Mounting:	4-Φ3.2mm through-hole (N)

Environmental

Operation Temperature: -45~+85°C

How To Order

NPD4-10900-12700-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

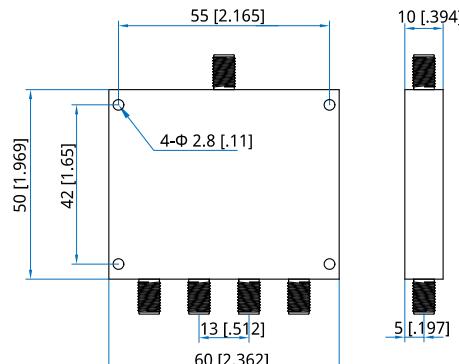
N - N Female (Outline B)

Examples:

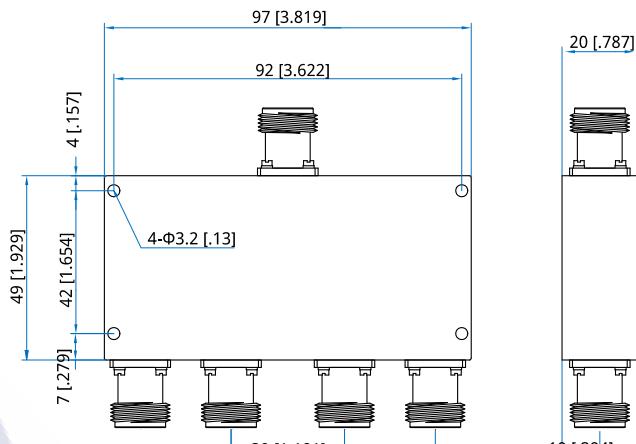
To order a 4-way power divider, 10.9~12.7GHz, 20W, N female, specify NPD4-10900-12700-20-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm} [\pm 0.02\text{in}]$



4-Way Power Divider/Combiner

NPD4-12000-15000-20-S

4-Way, 12~15GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	12~15GHz
Insertion Loss:	1.0dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.3dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

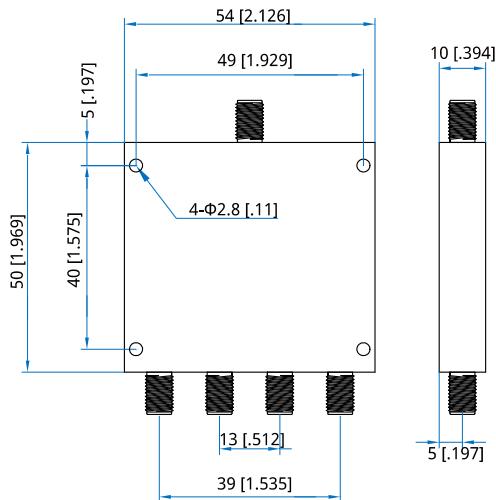
Size ^{*1} :	50*54*10mm
	1.969*2.126*0.394in
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-12000-15000-20-S](#)

Customization is available upon request.

NPD4-13750-14500

4-Way, 13.75~14.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	13.75~14.5GHz
Insertion Loss:	1.0dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 5^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

Mounting:	4-Φ2.8mm through-hole (SMA)
Mounting:	4-Φ3.2mm through-hole (N)

Environmental

Operation Temperature: -45~+85°C

How To Order

NPD4-13750-14500-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

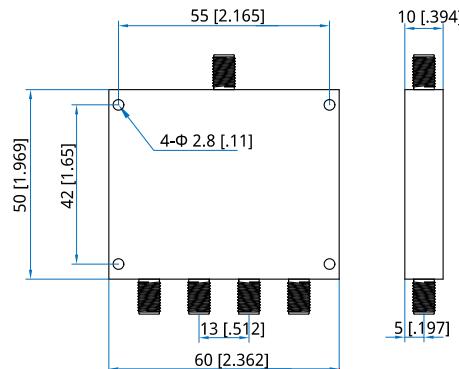
N - N Female (Outline B)

Examples:

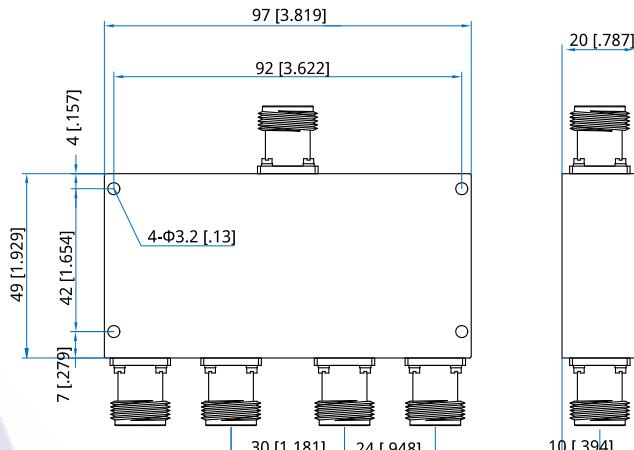
To order a 4-way power divider, 13.75~14.5GHz, 20W, N female, specify NPD4-13750-14500-20-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]



4-Way Power Divider/Combiner

NPD4-15000-17000-20-S

4-Way, 15~17GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	15~17GHz
Insertion Loss:	1.2dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	± 0.4 dB
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

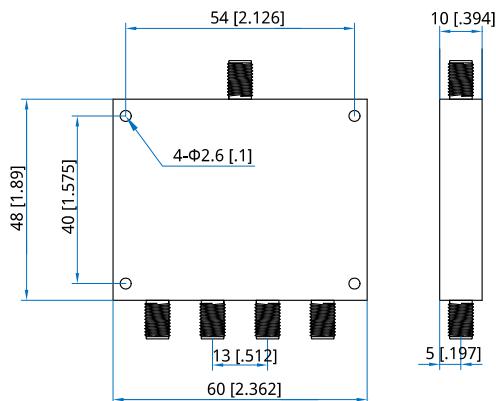
Size ^{*1} :	48*54*10mm 1.89*2.126*0.394in
Connectors:	SMA Female
Mounting:	4-Φ2.6mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

NPD4-15000-17000-20-S

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-18000-26500-20-K

4-Way, 18~26.5GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	18~26.5GHz
Insertion Loss:	1.6dB max.
Input VSWR:	1.6 max.
Output VSWR:	1.6 max.
Isolation:	16dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 6^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

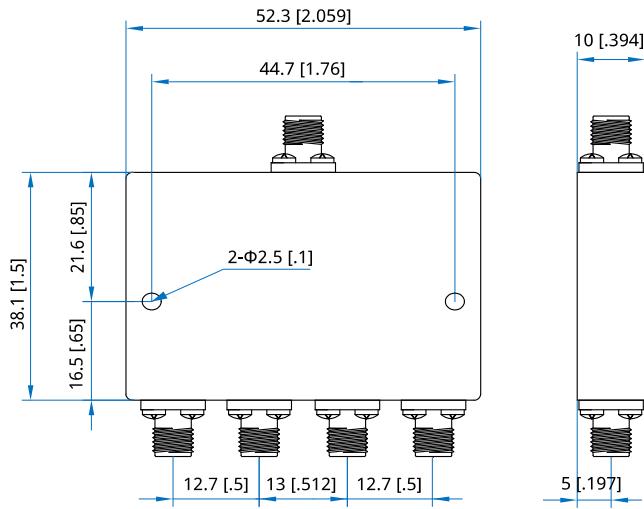
Size ^{*1} :	52.3*38.1*10mm 2.059*1.5*0.394in
Weight:	65g
Connectors:	2.92mm Female (Stainless steel)
Mounting:	2-Φ2.5mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-18000-26500-20-K](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-18000-40000-20-K

4-Way, 18~40GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	18~40GHz
Insertion Loss:	1.6dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.5 max.
Isolation:	16dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 8^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

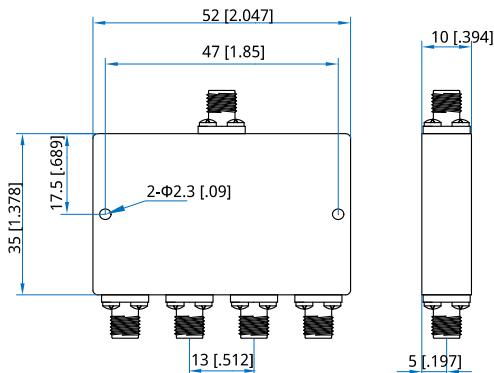
Size ^{*1} :	35*52*10mm 1.378*2.047*0.394in
Weight:	65g
Connectors:	2.92mm Female (Stainless steel)
Mounting:	2-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-18000-40000-20-K](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-18000-50000-20-2

4-Way, 18~50GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	18~50GHz
Insertion Loss:	2.5dB max.
Input VSWR:	1.8 max.
Output VSWR:	1.6 max.
Isolation:	15dB min.
Amplitude Balance:	0.6dB max.
Phase Balance:	$\pm 10^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

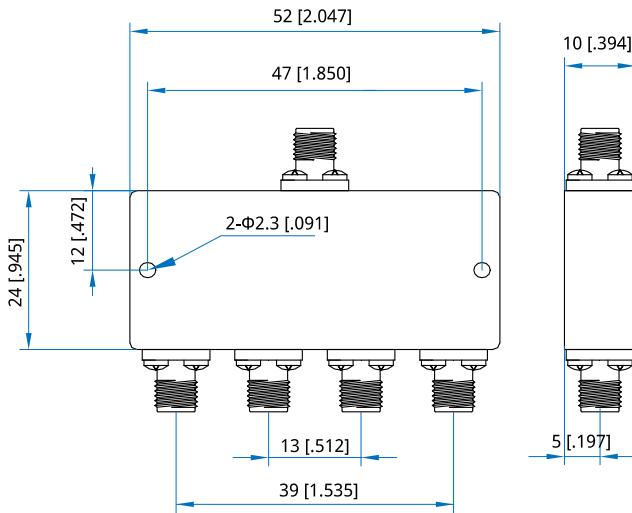
Size ^{*1} :	24*52*10mm 0.945*2.047*0.394in
Weight:	60g
Connectors:	2.4mm Female (Stainless steel)
Mounting:	2-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

NPD4-18000-50000-20-2

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-24000-40000-20-K

4-Way, 24~40GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	24~40GHz
Insertion Loss:	1.6dB max.
Input VSWR:	1.8 max.
Output VSWR:	1.6 max.
Isolation:	16dB min.
Amplitude Balance:	± 0.4 dB
Phase Balance:	$\pm 8^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

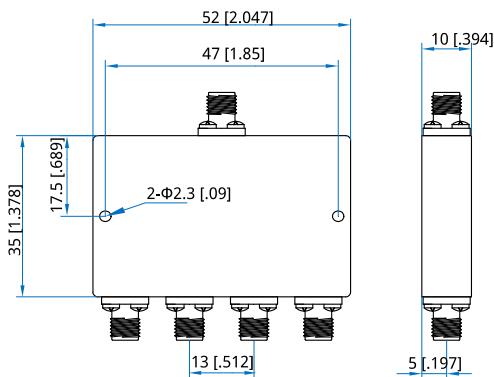
Size ^{*1} :	35*52*10mm
	1.378*2.047*0.394in
Connectors:	2.92mm Female
Mounting:	2-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD4-24000-40000-20-K](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-25000-50000-20-V

4-Way, 25~50GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	25~50GHz
Insertion Loss:	2dB max.
Input VSWR:	1.8 max.
Output VSWR:	1.6 max.
Isolation:	15dB min.
Amplitude Balance:	±0.6dB
Phase Balance:	±10°
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

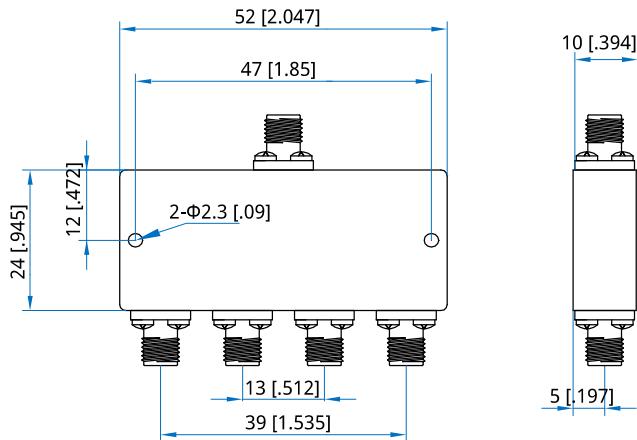
Size ^{*1} :	24*52*10mm 0.945*2.047*0.394in
Weight:	80g
Connectors:	1.85mm Female
Mounting:	2-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD4-25000-50000-20-V

Customization is available upon request.

NPD4-26000-31000-20-K

4-Way, 26~31GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	26~31GHz
Insertion Loss:	1.4dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.5 max.
Isolation:	16dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 6^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

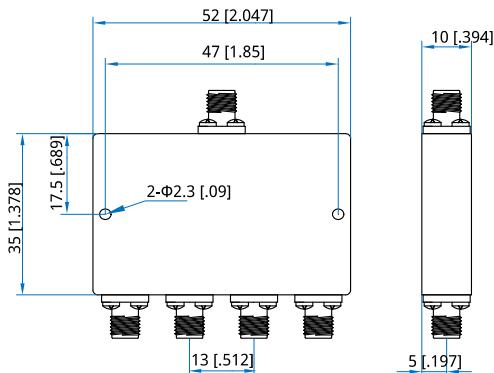
Size ^{*1} :	35*52*10mm 1.378*2.047*0.394in
Weight:	100g
Connectors:	2.92mm Female (Stainless steel)
Mounting:	2-Φ2.3mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

[NPD4-26000-31000-20-K](#)

Customization is available upon request.



4-Way Power Divider/Combiner

NPD4-34000-36000-20-K

4-Way, 34~36GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

Frequency:	34~36GHz
Insertion Loss:	1.4dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.5 max.
Isolation:	16dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 5^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

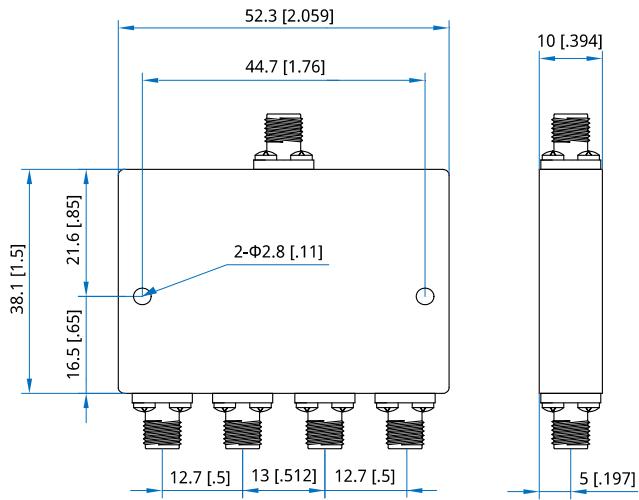
Size ^{*1} :	52.3*38.1*10mm 2.059*1.5*0.394in
Weight:	65g
Connectors:	2.92mm Female (Stainless steel)
Mounting:	2-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm} [\pm 0.02\text{in}]$

How To Order

[NPD4-34000-36000-20-K](#)

Customization is available upon request.