



3-Way Resistive Power Divider

NPD3-0-3000-2-S

3-Way, DC~3GHz, 2W

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: DC~3GHz
Insertion Loss: 9.5 ± 0.6 dB max.
Input VSWR: 1.25 max.
Output VSWR: 1.25 max.
Isolation: 9.5dB min.
Amplitude Balance: ± 0.6 dB
Impedance: 50Ω
Average Power: 2W

Mechanical

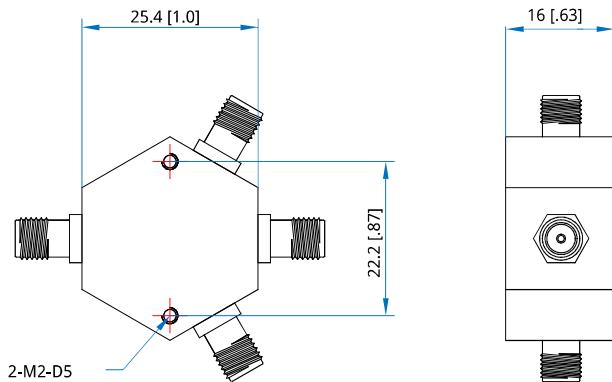
Size^{*1}: 25.4*22.2*16mm
1*0.87*0.63in
Connectors: SMA Female
Mounting: 2-M2, depth 5mm

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]
Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

NPD3-0-3000-2-S

Customization is available upon request.



3-Way Resistive Power Divider

NPD3-0-6000-2-S

3-Way, DC~6GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: DC~6GHz
Insertion Loss: 11dB max.
Input VSWR: 1.4 max.
Output VSWR: 1.4 max.
Isolation: 9dB min.
Amplitude Balance: ± 0.7 dB
Phase Balance: $\pm 10^\circ$
Impedance: 50 Ω
Average Power: 2W

Mechanical

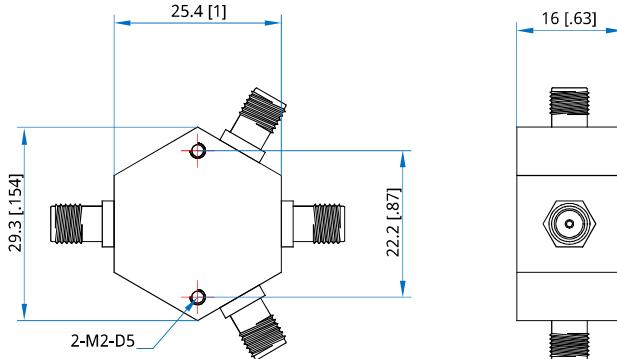
Size^{*1}: 25.4*29.3*16mm
1*1.154*0.63in
Weight: 25g
Connectors: SMA Female
Mounting: 2-M2, depth 5mm

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD3-0-6000-2-S](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-10-500-1-S

3-Way, 0.01~0.5GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 0.01~0.5GHz
Insertion Loss: 1.4dB max.
Input VSWR: 1.6 max.
Output VSWR: 1.3 max.
Isolation: 16dB min.
Amplitude Balance: 0.6dB max.
Phase Balance: $\pm 6^\circ$
Impedance: 50Ω
Average Power: 1W max.
0.15W max. as combiner

Mechanical

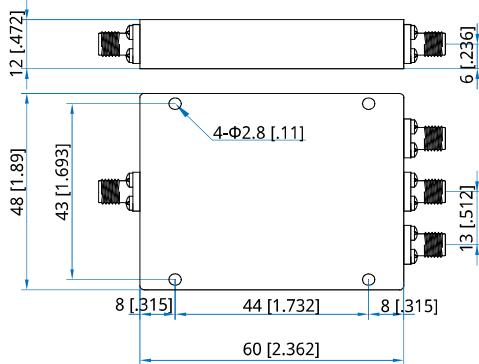
Size^{*1}: 48*60*12mm
1.89*2.362*0.472in
Weight: 110g
Connectors: SMA Female
Mounting: 4-Φ2.8mm through-hole

[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

[NPD3-10-500-1-S](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-80-300-20-S

3-Way, 80~300MHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 80~300MHz
Insertion Loss: 1dB max.
Input VSWR: 1.3 max.
Output VSWR: 1.2 max.
Isolation: 18dB min.
Amplitude Balance: 0.4dB max.
Phase Balance: $\pm 5^\circ$
Impedance: 50 Ω
Average Power: 20W max.
1W max. as combiner

Mechanical

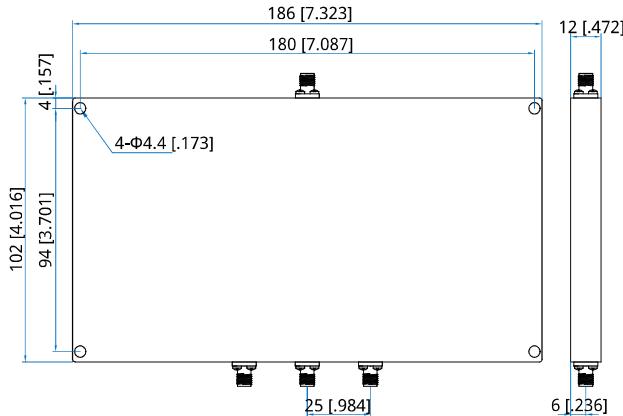
Size^{*1}: 102*186*12mm
4.016*7.323*0.472in
Weight: 550g
Connectors: SMA Female
Mounting: 4-Φ4.4mm through-hole

[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

NPD3-80-300-20-S

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-100-200-K1-N

3-Way, 0.1~0.2GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 0.1~0.2GHz
Insertion Loss: 0.5dB max.
Input VSWR: 1.25 max.
Output VSWR: 1.2 max.
Isolation: 18dB min.
Amplitude Balance: ± 0.3 dB
Phase Balance: $\pm 3^\circ$
Impedance: 50 Ω
Average Power: 100W max.
10W max. as combiner

Mechanical

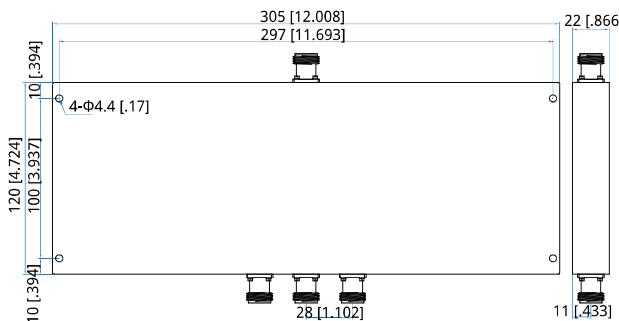
Size^{*1}: 305*120*22mm
12.008*4.724*0.866in
Weight: 1500g
Connectors: N Female
Mounting: 4- Φ 4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

NPD3-100-200-K1-N

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-100-350-30-S

3-Way, 0.1~0.35GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency:	0.1~0.35GHz
Insertion Loss:	0.8dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	± 0.4 dB
Phase Balance:	$\pm 4^\circ$
Impedance:	50 Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

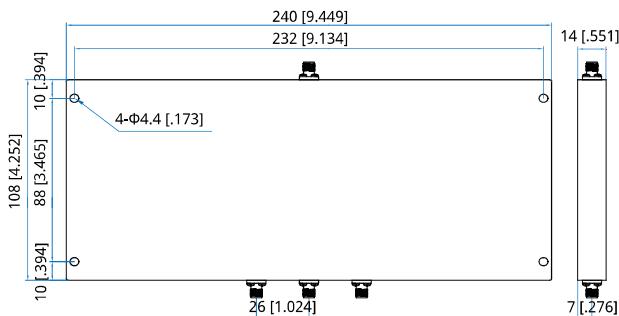
Size ^{*1} :	240*108*14mm 9.449*4.252*0.551in
Weight:	650g
Connectors:	SMA Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD3-100-350-30-S

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-100-400

3-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: 0.6dB max.
Input VSWR: 1.3 max.
Output VSWR: 1.2 max.
Isolation: 18dB min.
Amplitude Balance: 0.5dB max.
Phase Balance: $\pm 5^\circ$
Impedance: 50 Ω
Average Power: 30W max.
2W max. as combiner

Mechanical

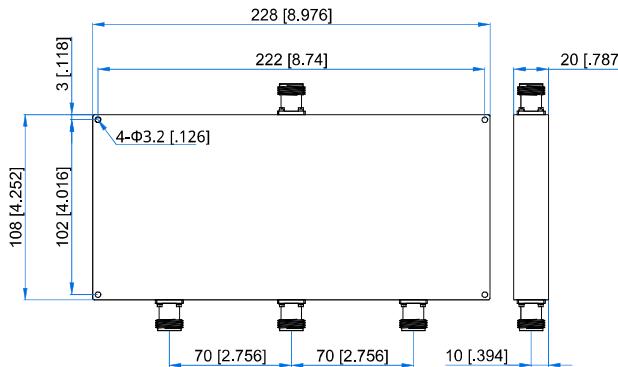
Size^{*1}: 228*108*20mm
8.976*4.252*0.787in
Connectors: N Female
Mounting: 4-Φ3.2mm through-hole

[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

[NPD3-100-400](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-100-400-50

3-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: 0.6dB max.
Input VSWR: 1.3 max.
Output VSWR: 1.2 max.
Isolation: 18dB min.
Amplitude Balance: 0.6dB max.
Phase Balance: $\pm 5^\circ$
Impedance: 50 Ω
Average Power: 50W max.
5W max. as combiner

Mechanical

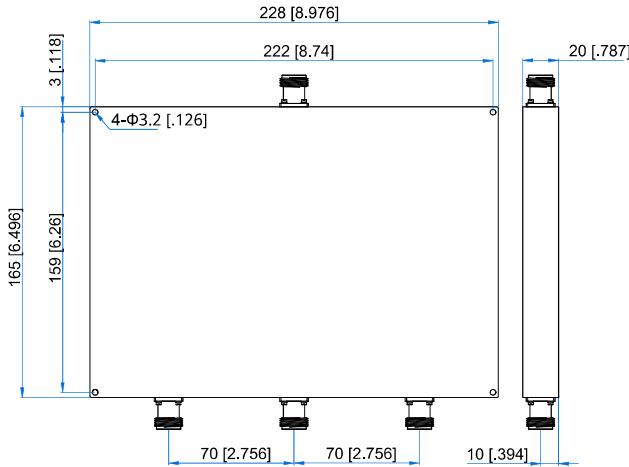
Size^{*1}: 228*165*20mm
8.976*6.496*0.787in
Connectors: N Female
Mounting: 4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD3-100-400-50](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-100-1000-30-S

3-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: 1.35 max.
Output VSWR: 1.25 max.
Isolation: 18dB min.
Amplitude Balance: 0.8dB max.
Phase Balance: $\pm 8^\circ$
Impedance: 50Ω
Average Power: 30W max.
2W max. as combiner

Mechanical

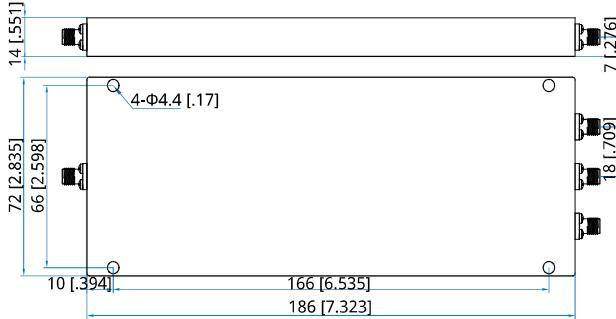
Size^{*1}: 186*72*14mm
7.323*2.835*0.551in
Weight: 450g
Connectors: SMA Female
Mounting: 4-Φ4.4mm through-hole

[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

[NPD3-100-1000-30-S](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-114-178

3-Way, 114~178MHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 114~178MHz
Insertion Loss: 1.0dB max.
Input VSWR: 1.3 max.
Output VSWR: 1.3 max.
Isolation: 20dB min.
Amplitude Balance: 0.5dB
Phase Balance: $\pm 6^\circ$
Impedance: 50Ω
Average Power: 300W max.
50W max as combiner

Mechanical

Size^{*1}: 280*172*22mm
11.024*6.772*0.866in

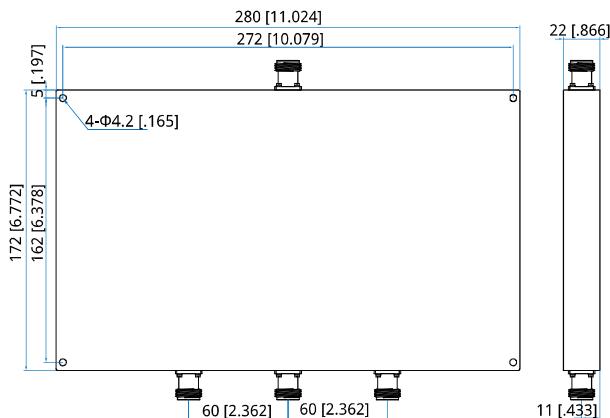
Connectors: N Female
Mounting: 4-Φ4.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD3-114-178

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-134-3700

3-Way, 134~3700MHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 134~3700MHz
Insertion Loss: 3.8dB max.
Input VSWR: 1.5 max.
Output VSWR: 1.4 max.
Isolation: 18dB min.
Amplitude Balance: 0.9dB
Phase Balance: $\pm 10^\circ$
Impedance: 50Ω
Average Power: 30W max.
2W max as combiner

Mechanical

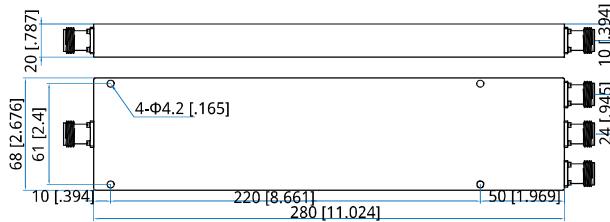
Size^{*1}: 280*68*20mm
11.024*2.676*0.787in
Connectors: N Female
Mounting: 4-Φ4.2mm through-hole

[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

NPD3-134-3700

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-136-174-K3-N

3-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: 0.8dB max.
Input VSWR: 1.25 max.
Output VSWR: 1.2 max.
Isolation: 20dB min.
Amplitude Balance: ± 0.3 dB
Phase Balance: $\pm 3^\circ$
Impedance: 50 Ω
Average Power: 300W max.
20W max. as combiner

Mechanical

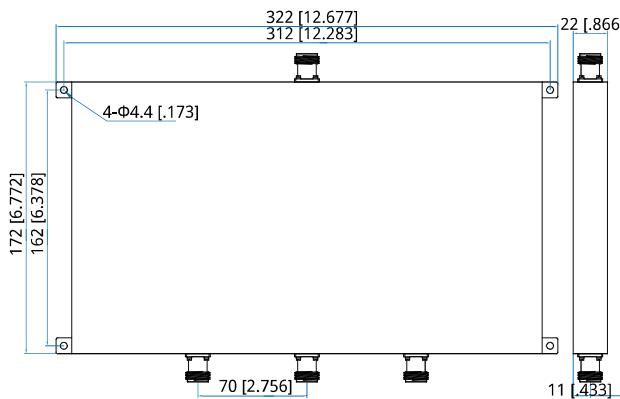
Size^{*1}: 326*172*22mm
12.677*6.772*0.866in
Weight: 2800g
Connectors: N Female
Mounting: 4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

NPD3-136-174-K3-N

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-138-960-50-N

3-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: 1.2dB max.
Input VSWR: 1.3 max.
Output VSWR: 1.25 max.
Isolation: 18dB min.
Amplitude Balance: ± 0.6 dB
Phase Balance: ± 6 °
Impedance: 50Ω
Average Power: 50W max.
3W max. as combiner

Mechanical

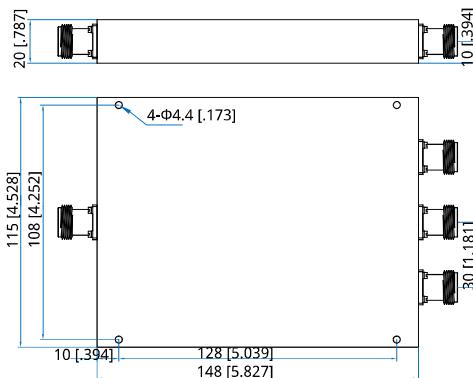
Size^{*1}: 148*115*20mm
5.827*4.528*0.787in
Weight: 1000g
Connectors: N Female
Mounting: 4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD3-138-960-50-N](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-200-250-30-S

3-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: 1dB 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: 30W max.
2W max. as combiner

Mechanical

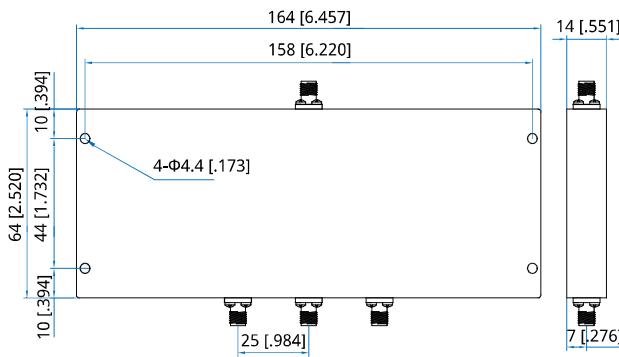
Size^{*1}: 164*64*14mm
6.457*2.52*0.551in
Connectors: SMA Female
Mounting: 4-Φ4.4mm through-hole

[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

[NPD3-200-250-30-S](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-200-2000

3-Way, 0.2~2GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 0.2~2GHz
Insertion Loss: 1.8dB max.
Input VSWR: 1.3 max.
Output VSWR: 1.2 max.
Isolation: 20dB min.
Amplitude Balance: 0.8dB max.
Phase Balance: $\pm 8^\circ$
Impedance: 50Ω
Average Power: 30W max.
2W max. as combiner

Mechanical

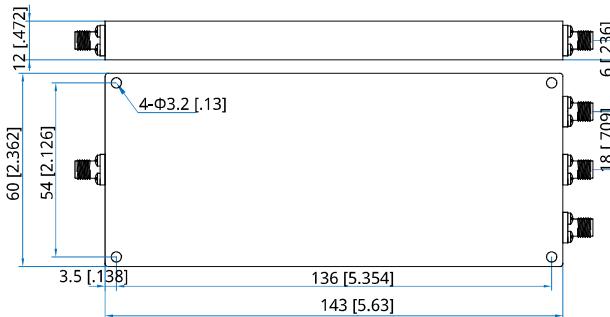
Size^{*1}: 143*60*12mm
5.63*2.362*0.472in
Connectors: SMA Female
Mounting: 4-Φ3.2mm through-hole

[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

[NPD3-200-2000](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-225-2500-20-S

3-Way, 0.225~2.5GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 0.225~2.5GHz
Insertion Loss: 1.8dB max.
Input VSWR: 1.4 max.
Output VSWR: 1.3 max.
Isolation: 20dB min.
Amplitude Balance: 0.8dB max.
Phase Balance: $\pm 8^\circ$
Impedance: 50Ω
Average Power: 20W max.
1W max. as combiner

Mechanical

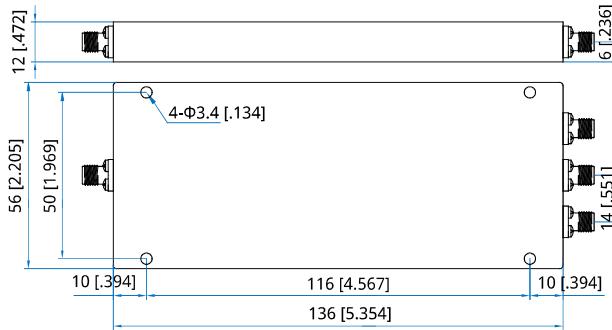
Size^{*1}: 136*56*12mm
5.354*2.205*0.472in
Weight: 500g
Connectors: SMA Female
Mounting: 4-Φ3.4mm through-hole

[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

[NPD3-225-2500-20-S](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-336-366

3-Way, 336~366MHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 336~366MHz
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: 50 Ω
Average Power: 30W max.
2W max. as combiner

Mechanical

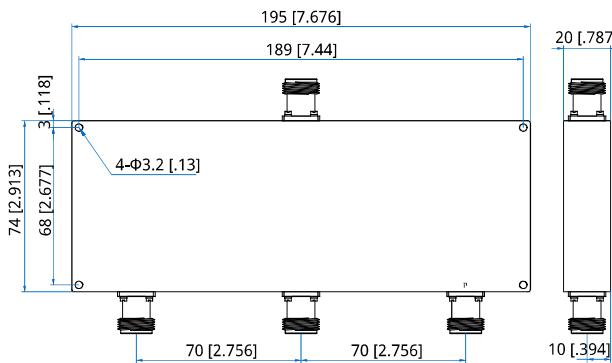
Size^{*1}: 195*74*20mm
7.676*2.913*0.787in
Connectors: N Female
Mounting: 4-Φ3.2mm through-hole

[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

NPD3-336-366

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-380-470-K3-N

3-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: 0.8dB max.
Input VSWR: 1.25 max.
Output VSWR: 1.2 max.
Isolation: 20dB min.
Amplitude Balance: ± 0.3 dB
Phase Balance: $\pm 3^\circ$
Impedance: 50 Ω
Average Power: 300W max.
20W max. as combiner

Mechanical

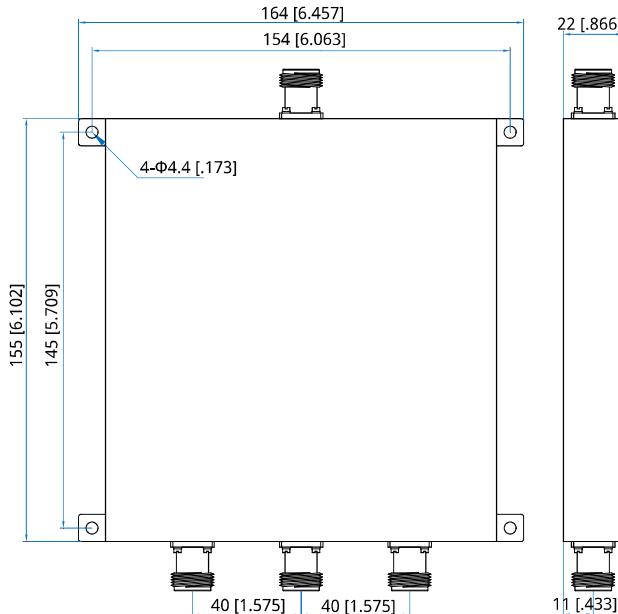
Size^{*1}: 164*155*22mm
6.457*6.102*0.866in
Weight: 1600g
Connectors: N Female
Mounting: 4- Φ 4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD3-380-470-K3-N](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-380-40000

3-Way, 0.38~40GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

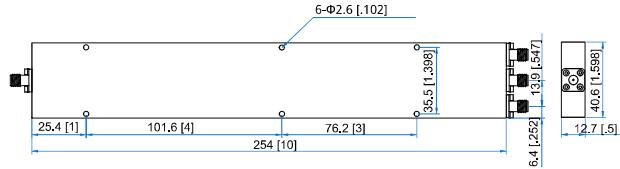
Frequency: 0.38~40GHz
Insertion Loss: 4.5dB max.
VSWR: 1.7 max.
Isolation: 17dB min.
Amplitude Balance: ± 0.9 dB max.
Phase Balance: $\pm 10^\circ$ max.
Average Power: 20W max.

Mechanical

Size^{*1}: 254*40.6*12.7mm
10*1.598*0.5in
Connectors: 2.92mm Female
Mounting: 6-Φ2.6mm through-hole

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ± 1 mm [± 0.039 in]

How To Order

[NPD3-380-40000](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-400-1000-30-S

3-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: 20dB min.
Amplitude Balance: 0.4dB max.
Phase Balance: $\pm 5^\circ$
Impedance: 50Ω
Average Power: 30W max.
2W max. as combiner

Mechanical

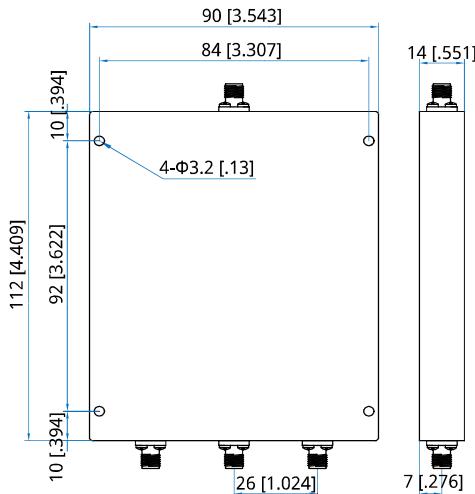
Size^{*1}: 112*90*14mm
4.409*3.543*0.551in
Weight: 350g
Connectors: SMA Female
Mounting: 4-Φ3.2mm through-hole

[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

[NPD3-400-1000-30-S](#)

Customization is available upon request.

NPD3-400-6000

3-Way, 0.4~6GHz

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test

Electrical

Frequency:	0.4~6GHz
Insertion Loss:	2.8dB max.
Input VSWR:	1.4 max. (SMA) 1.5 max. (N)
Output VSWR:	1.4 max.
Isolation:	18dB min.
Amplitude Balance:	0.8dB max.
Phase Balance:	$\pm 8^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W 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

NPD3-400-6000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

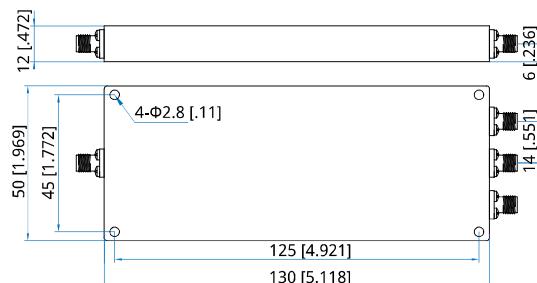
N - N Female (Outline B)

Examples:

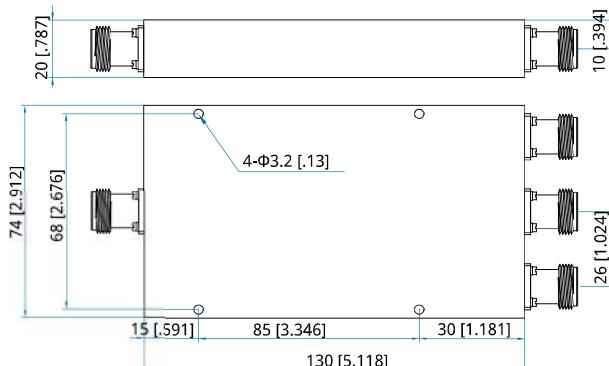
To order a 3-way power divider, 0.4~6GHz, 20W, N female, specify NPD3-400-6000-20-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

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



3-Way Power Divider/Combiner

NPD3-433-30-N

3-Way, 0.433GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 0.433GHz
Insertion Loss: 0.5dB 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

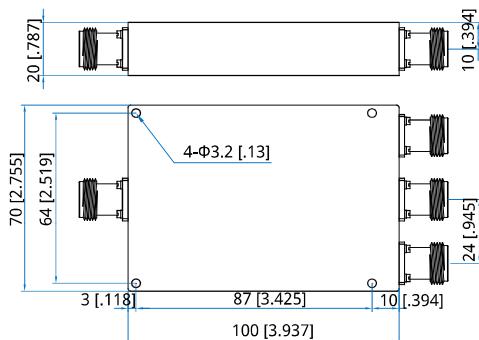
Size^{*1}: 100*70*20mm
3.937*2.755*0.787in
Weight: 350g
Connectors: N Female
Mounting: 4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD3-433-30-N](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-440-900-60-N

3-Way, 0.44~0.9GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 0.44~0.9GHz
Insertion Loss: 0.8dB max.
Input VSWR: 1.35 max.
Output VSWR: 1.25 max.
Isolation: 18dB min.
Amplitude Balance: 0.4dB max.
Phase Balance: $\pm 6^\circ$
Impedance: 50Ω
Average Power: 60W max.
6W max. as combiner

Mechanical

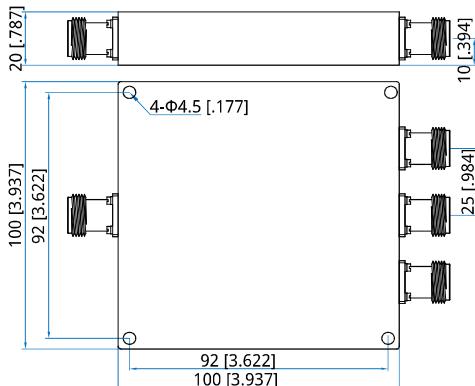
Size^{*1}: 100*100*20mm
3.937*3.937*0.866in
Weight: 700g
Connectors: N Female
Mounting: 4-Φ4.5mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD3-440-900-60-N](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-480-500-30-N

3-Way, 0.48~0.5GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency:	0.48~0.5GHz
Insertion Loss:	0.3dB max.
Input VSWR:	1.2 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	± 0.3 dB
Phase Balance:	$\pm 3^\circ$
Impedance:	50 Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

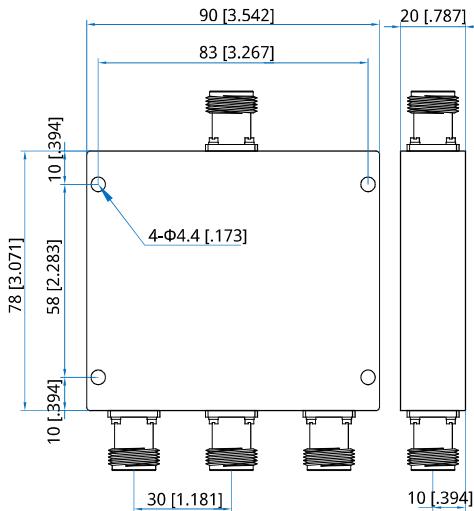
Size ^{*1} :	78*90*20mm 3.071*3.542*0.866in
Weight:	320g
Connectors:	N Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD3-480-500-30-N](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-480-500-50-N

3-Way, 0.48~0.5GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 0.48~0.5GHz
Insertion Loss: 0.3dB max.
Input VSWR: 1.2 max.
Output VSWR: 1.2 max.
Isolation: 20dB min.
Amplitude Balance: ± 0.3 dB
Phase Balance: $\pm 3^\circ$
Impedance: 50 Ω
Average Power: 50W max.
3W max. as combiner

Mechanical

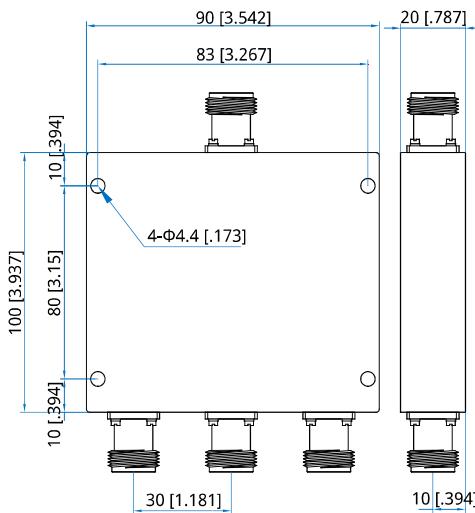
Size^{*1}: 100*90*20mm
3.937*3.542*0.787in
Weight: 450g
Connectors: N Female
Mounting: 4- Φ 4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD3-480-500-50-N](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-500-700

3-Way, 0.5~0.7GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 0.5~0.7GHz
Insertion Loss: 0.6dB max.
Input VSWR: 1.3 max.
Output VSWR: 1.2 max.
Isolation: 18dB min.
Amplitude Balance: 0.5dB max.
Phase Balance: $\pm 6^\circ$
Impedance: 50Ω
Average Power: 150W max.
20W max. as combiner

Mechanical

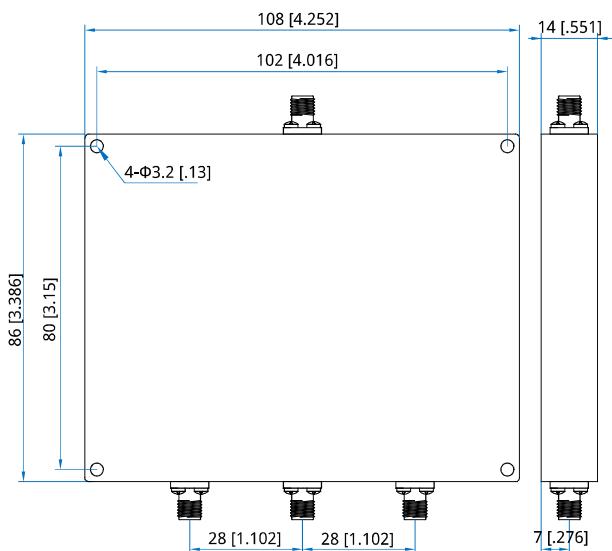
Size^{*1}: 86*108*14mm
3.386*4.252*0.551in
Connectors: SMA Female
Mounting: 4-Φ3.2mm through-hole

[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

[NPD3-500-700](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-500-3000

3-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: 1.3 max.
Output VSWR: 1.2 max.
Isolation: 18dB min.
Amplitude Balance: 0.5dB max.
Phase Balance: $\pm 5^\circ$
Impedance: 50Ω
Average Power: 30W max.
2W max. as combiner

Mechanical

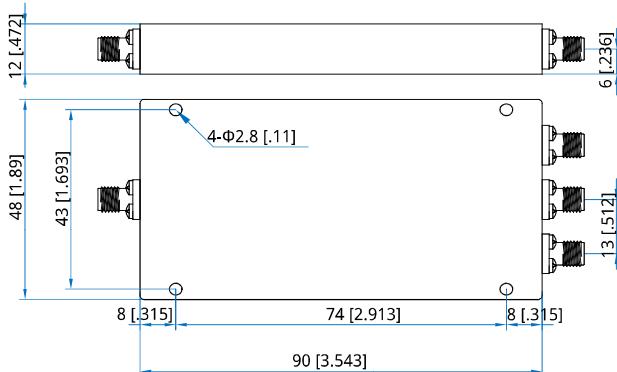
Size^{*1}: 90*48*12mm
3.543*1.89*0.472in
Connectors: SMA Female
Mounting: 4-Φ2.8mm through-hole

[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

NPD3-500-3000

Customization is available upon request.



3-Way Power Dividers/Combiners

NPD3-500-6000

3-Way, 0.5~6GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency:	0.5~6GHz
Insertion Loss:	2.6dB max. (SMA) 2.8dB max. (N)
Input VSWR:	1.5 max.
Output VSWR:	1.4 max.
Isolation:	20dB min. (SMA) 18dB min. (N)
Amplitude Balance:	0.8dB max.
Phase Balance:	±8°
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

NPD3-500-6000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

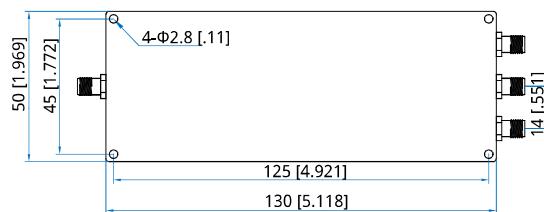
N - N Female (Outline B)

Examples:

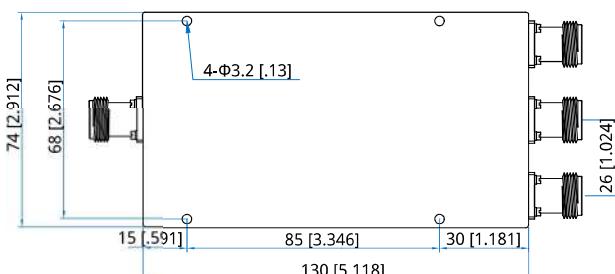
To order a 3-way power divider, 0.5~6GHz, 30W, N female,
specify NPD3-500-6000-30-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]



3-Way Power Divider/Combiner

NPD3-500-8000-20-S

3-Way, 0.5~8GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency:	0.5~8GHz
Insertion Loss:	2.2dB max.
Input VSWR:	1.5 max.
Output VSWR:	1.4 max.
Isolation:	17dB min.
Amplitude Balance:	1dB max.
Phase Balance:	$\pm 10^\circ$
Impedance:	50Ω
Average Power:	20W max. 2W max. as combiner

Mechanical

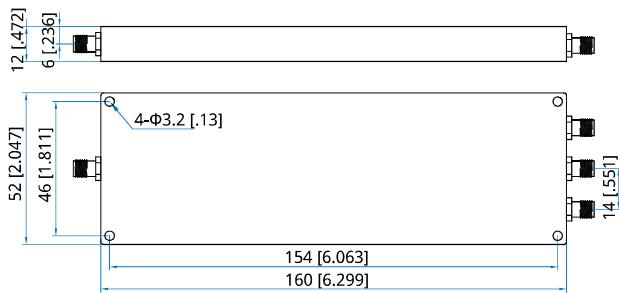
Size ^{*1} :	160*52*12mm 6.299*2.047*0.472in
Weight:	255g
Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[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

[NPD3-500-8000-20-S](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-555-3400-30-N

3-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:	1dB max.
Input VSWR:	1.25 max.
Output VSWR:	1.25 max.
Isolation:	20dB min.
Amplitude Balance:	$\pm 0.7\text{dB}$
Phase Balance:	$\pm 7^\circ$
Impedance:	50 Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

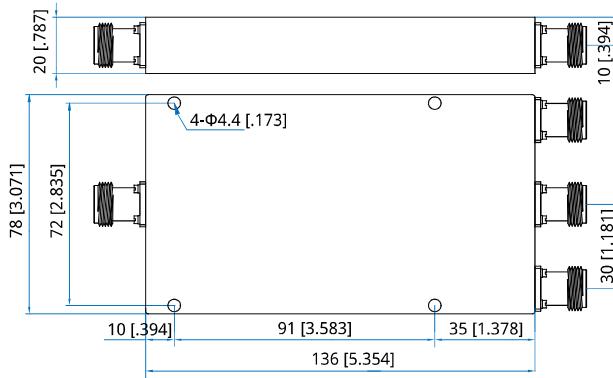
Size ^{*1} :	136*78*20mm 5.354*3.071*0.787in
Weight:	700g
Connectors:	N Female
Mounting:	4- $\Phi 4.4$ mm through-hole

[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

[NPD3-555-3400-30-N](#)

Customization is available upon request.



3-Way Power Dividers/Combiners

NPD3-600-6000

3-Way, 0.6~6GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency:	0.6~6GHz
Insertion Loss:	2.6dB max. (SMA) 2.8dB max. (N)
Input VSWR:	1.5 max.
Output VSWR:	1.4 max.
Isolation:	20dB min.
Amplitude Balance:	± 0.8 dB (SMA) 0.8dB max. (N)
Phase Balance:	$\pm 8^\circ$
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

NPD3-600-6000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

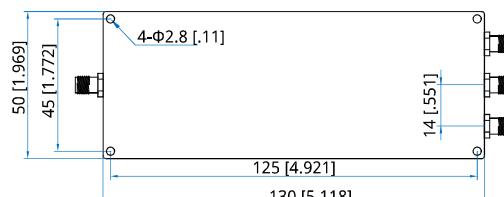
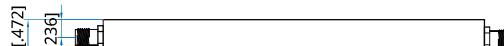
N - N Female (Outline B)

Examples:

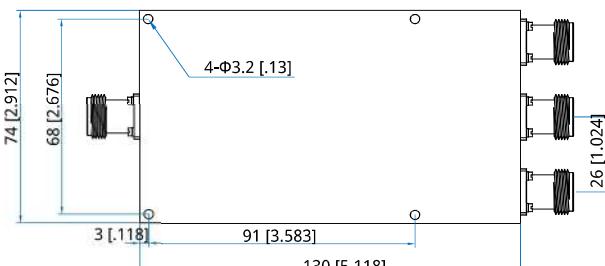
To order a 3-way power divider, 0.6~6GHz, 30W, N female,
specify NPD3-600-6000-30-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]



3-Way Power Divider/Combiner

NPD3-698-2700

3-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: 0.6dB max.
Input VSWR: 1.25 max.
Output VSWR: 1.2 max.
Isolation: 20dB min.
Amplitude Balance: ± 0.4 dB
Phase Balance: $\pm 4^\circ$
Impedance: 50 Ω
Average Power: 50W max.
2W max. as combiner

Mechanical

Size^{*1}: 77*94*19mm
3.031*3.071*0.748in

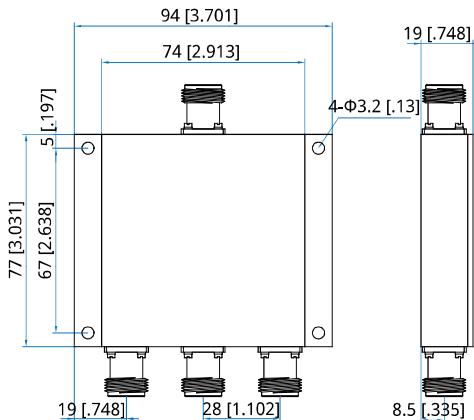
Connectors: N Female
Mounting: 4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD2-698-2700](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-698-6000-30-N

3-Way, 0.698~6GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 0.698~6GHz
Insertion Loss: 2dB max.
Input VSWR: 1.5 max.
Output VSWR: 1.4 max.
Isolation: 18dB min.
Amplitude Balance: 0.8dB max.
Phase Balance: $\pm 8^\circ$
Impedance: 50Ω
Average Power: 30W max.
2W max. as combiner

Mechanical

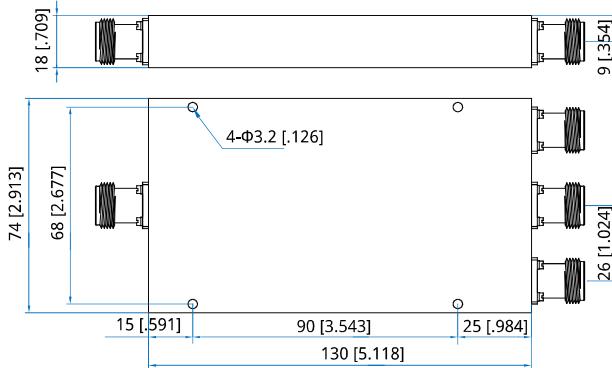
Size^{*1}: 130*74*18mm
5.118*2.913*0.709in
Weight: 500g
Connectors: N Female
Mounting: 4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

NPD3-698-6000-30-N

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-700-1100

3-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: 1dB max.
VSWR: 1.35 max.
Isolation: 20dB min.
Amplitude Balance: ± 0.6 dB max.
Impedance: 50Ω
Average Power: 10W max.

Mechanical

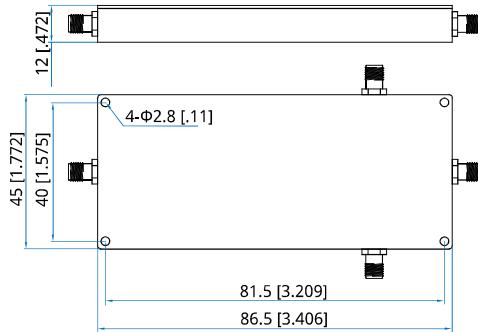
Size^{*1}: 86.5*45*12mm
3.406*1.772*0.472in
Connectors: SMA Female
Mounting: 4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -30~+70°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD3-700-1100](#)

Customization is available upon request.



3-Way Power Dividers/Combiners

NPD3-700-4000

3-Way, 0.7~4GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 0.7~4GHz
Insertion Loss: 1.2dB max. (SMA)
1.4dB max. (N)
Input VSWR: 1.3 max.
Output VSWR: 1.2 max.
Isolation: 20dB min.
Amplitude Balance: ± 0.5 dB
Phase Balance: $\pm 5^\circ$
Impedance: 50 Ω
Average Power: 30W max.
2W max. as combiner

Mechanical

Mounting: 4-Φ3.2mm through-hole

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD3-700-4000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

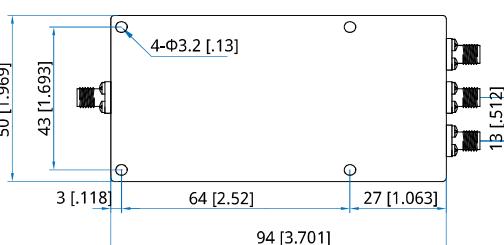
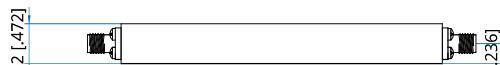
N - N Female (Outline B)

Examples:

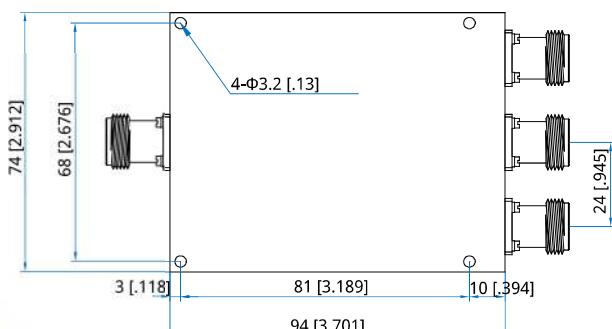
To order a 3-way power divider, 0.7~4GHz, 30W, N female, specify NPD3-700-4000-30-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]



3-Way Power Divider/Combiner

NPD3-700-5000

3-Way, 0.7~5GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 0.7~5GHz
Insertion Loss: 1.5dB max.
Input VSWR: 1.4 max.
Output VSWR: 1.3 max.
Isolation: 18dB min.
Amplitude Balance: ± 0.8 dB
Phase Balance: $\pm 8^\circ$
Impedance: 50 Ω
Average Power: 30W max.
2W max. as combiner

Mechanical

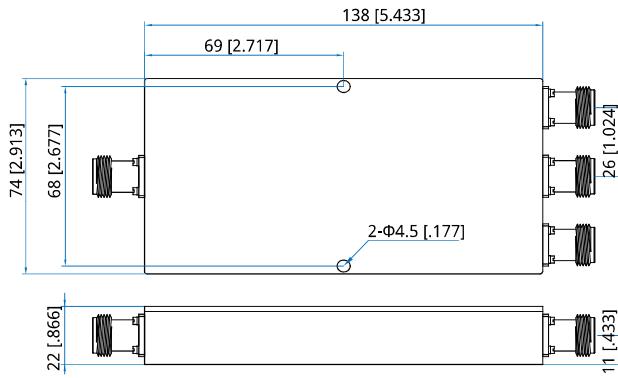
Size^{*1}: 138*74*22mm
5.433*2.913*0.866in
Connectors: N Female
Mounting: 2-Φ4.5mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

NPD3-700-5000

Customization is available upon request.



3-Way Power Dividers/Combiners

NPD3-800-2500

3-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: 0.5dB max.
Input VSWR: 1.2 max.
Output VSWR: 1.2 max.
Isolation: 20dB min.
Amplitude Balance: 0.3dB max.
Phase Balance: 4° max.
Impedance: 50Ω
Average Power: 200W max.
10W max. as combiner (N)

Mechanical

Mounting: 4-Φ3.2mm through-hole (N)

Environmental

Operation Temperature: -30~+70°C

How To Order

NPD3-800-2500-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

N - N Female (Outline A)

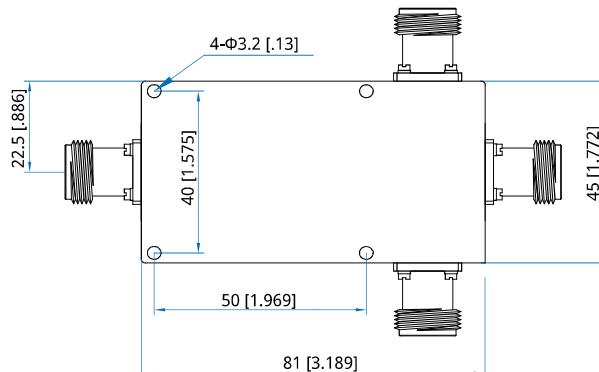
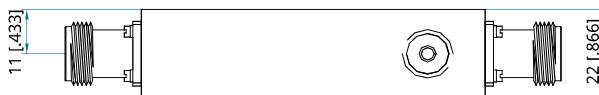
7 - 7/16 DIN Female (Outline B)

Examples:

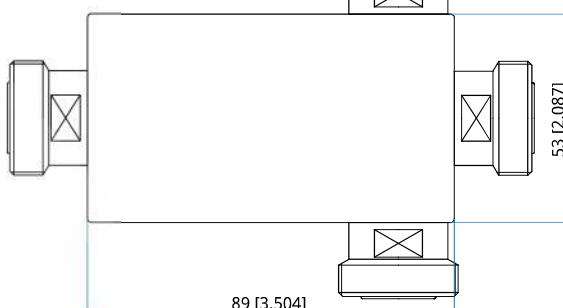
To order a 3-way power divider, 0.8~2.5GHz, 200W, N female, specify NPD3-800-2500-K2-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]



3-Way Power Divider/Combiner

NPD3-1000-3000-30-N

3-Way, 1~3GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 1~3GHz
Insertion Loss: 1.2dB max.
Input VSWR: 1.3 max.
Output VSWR: 1.3 max.
Isolation: 20dB min.
Amplitude Balance: ± 0.5 dB
Phase Balance: $\pm 5^\circ$
Impedance: 50 Ω
Average Power: 30W max.
2W max. as combiner

Mechanical

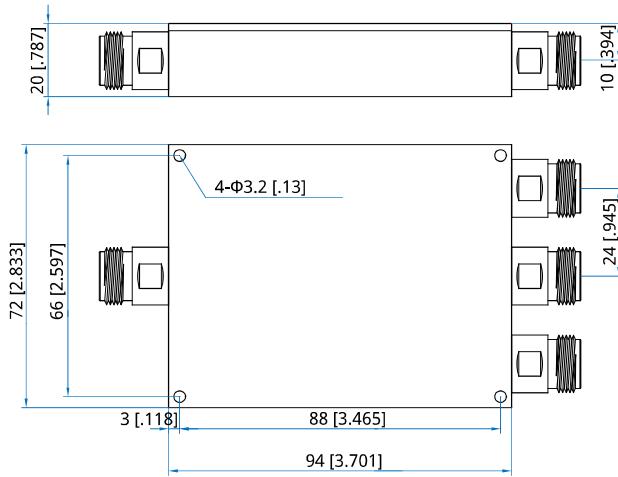
Size^{*1}: 94*72*20mm
3.701*2.833*0.787in
Connectors: N Female
Mounting: 4- Φ 3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD3-1000-3000-30-N](#)

Customization is available upon request.



3-Way Power Dividers/Combiners

NPD3-1100-1700

3-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: 0.4dB max. (SMA)
0.5dB max. (TNC)
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: 30W max.
2W max. as combiner

Mechanical

Mounting: 4-Φ3.2mm through-hole

Environmental

Operation Temperature: -35~+75°C

How To Order

NPD3-1100-1700-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

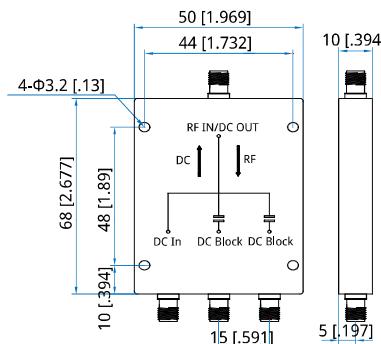
T - TNC Female (Outline B)

Examples:

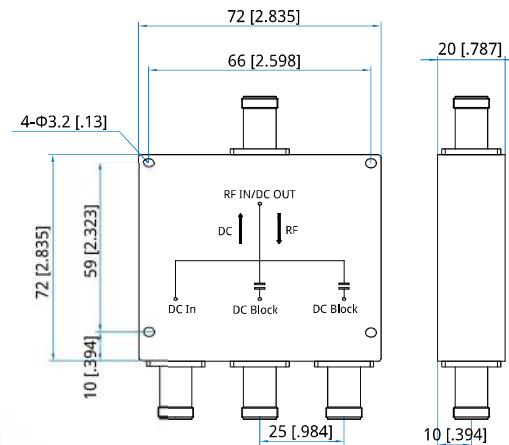
To order a 3-way power divider, 1.1~1.7GHz, 30W, SMA female, specify NPD3-1100-1700-30-S.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

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



3-Way Power Divider/Combiner

NPD3-2000-3000-20-S

3-Way, 2~3GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 2~3GHz
Insertion Loss: 0.5dB max.
Input VSWR: 1.3 max.
Output VSWR: 1.2 max.
Isolation: 18dB min.
Amplitude Balance: 0.5dB max.
Phase Balance: $\pm 5^\circ$
Impedance: 50 Ω
Average Power: 20W max.
1W max. as combiner

Mechanical

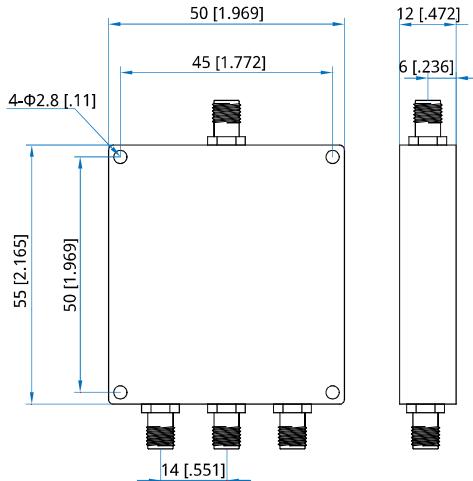
Size^{*1}: 55*50*12mm
2.165*1.969*0.472in
Weight: 75g
Connectors: SMA Female (Stainless steel)
Mounting: 4-Φ2.8mm through-hole

[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

[NPD3-2000-3000-20-S](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-2000-4000-20-S

3-Way, 2~4GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 2~4GHz
Insertion Loss: 0.5dB max.
Input VSWR: 1.3 max.
Output VSWR: 1.2 max.
Isolation: 18dB min.
Amplitude Balance: 0.5dB max.
Phase Balance: $\pm 5^\circ$
Impedance: 50 Ω
Average Power: 20W max.
1W max. as combiner

Mechanical

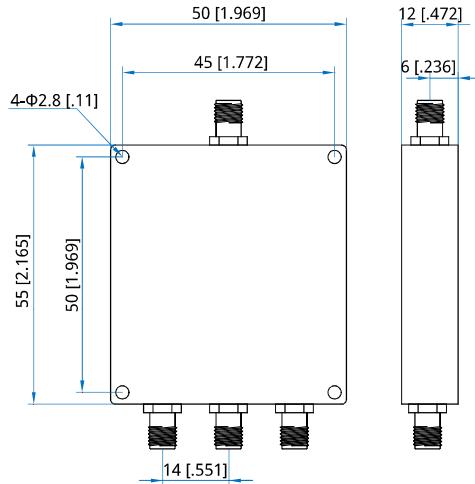
Size^{*1}: 55*50*12mm
2.165*1.969*0.472in
Weight: 75g
Connectors: SMA Female (Stainless steel)
Mounting: 4-Φ2.8mm through-hole

[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

NPD3-2000-4000-20-S

Customization is available upon request.

NPD3-2000-8000

3-Way, 2~8GHz

Features:
 * Small Size
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Mixers
 * Antennas
 * Laboratory Test

Electrical

Frequency:	2~8GHz
Insertion Loss:	1.0dB max. (SMA) 1.2dB max. (N)
Input VSWR:	1.4 max.
Output VSWR:	1.3 max.
Isolation:	18dB min.
Amplitude Balance:	0.5dB max. (SMA) ±0.5dB (N)
Phase Balance:	±5° (SMA) ±6° (N)
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

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

Operation Temperature: -45~+85°C

How To Order

NPD3-2000-8000-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

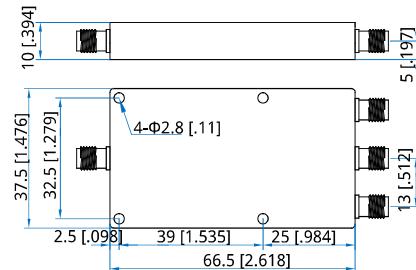
N - N Female (Outline B)

Examples:

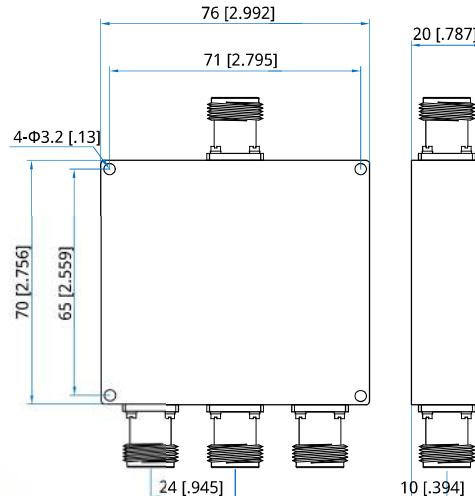
To order a 3-way power divider, 2~8GHz, 20W, N female,
specify NPD3-2000-8000-20-N.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]



3-Way Power Divider/Combiner

NPD3-2000-9000-30-S

3-Way, 2~9GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 2~9GHz
Insertion Loss: 1.5dB max.
Input VSWR: 1.5 max.
Output VSWR: 1.3 max.
Isolation: 18dB min.
Amplitude Balance: ± 0.5 dB
Phase Balance: $\pm 5^\circ$
Impedance: 50 Ω
Average Power: 30W max.
2W max. as combiner

Mechanical

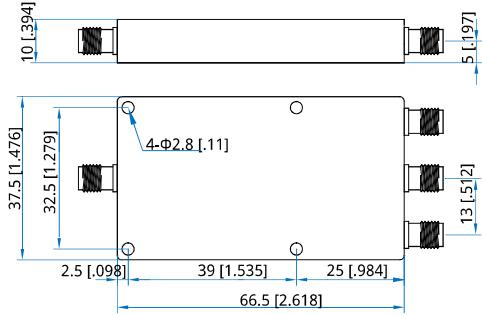
Size^{*1}: 66.5*37.5*10mm
2.618*1.476*0.394in
Connectors: SMA Female
Mounting: 4- Φ 2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~85°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

NPD3-2000-9000-30-S

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-2000-18000-20-S

3-Way, 2~18GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 2~18GHz
Insertion Loss: 1.6dB max.
Input VSWR: 1.7 max.
Output VSWR: 1.5 max.
Isolation: 16dB min.
Amplitude Balance: 0.6dB max.
Phase Balance: $\pm 10^\circ$
Impedance: 50Ω
Average Power: 20W max.
1W max. as combiner

Mechanical

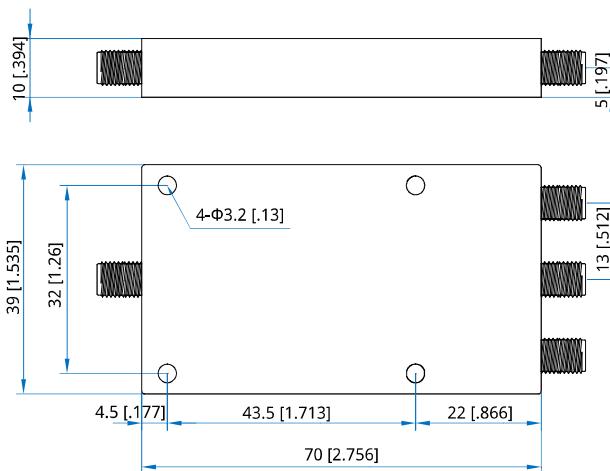
Size^{*1}: 70*39*10mm
2.756*1.535*0.394in
Weight: 90g
Connectors: SMA Female
Mounting: 4-Φ3.2mm through-hole

[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

NPD3-2000-18000-20-S

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-3400-3800-30-N

3-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:	1.25 max.
Isolation:	20dB min.
Amplitude Balance:	± 0.5 dB
Phase Balance:	$\pm 5^\circ$
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

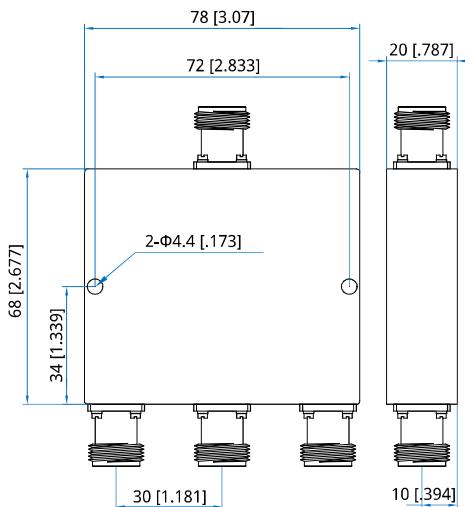
Size ^{*1} :	68*78*20mm 2.677*3.07*0.787in
Weight:	300g
Connectors:	N Female
Mounting:	2-Φ4.4mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -35~+75°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD3-3400-3800-30-N](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-6000-18000-20-S

3-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: 0.6dB max.
Phase Balance: $\pm 6^\circ$
Impedance: 50Ω
Average Power: 20W max.
1W max. as combiner

Mechanical

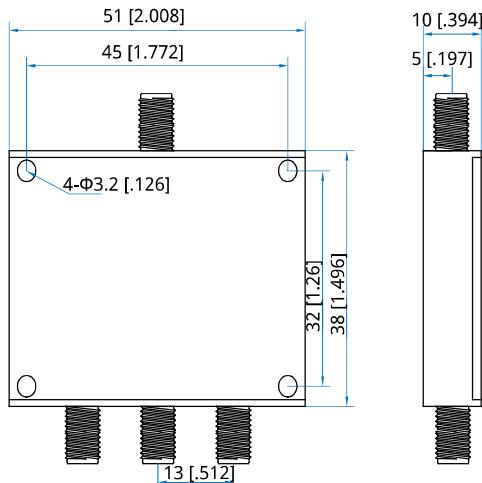
Size^{*1}: 38*51*10mm
1.496*2.008*0.394in
Weight: 52g
Connectors: SMA Female
Mounting: 4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

[NPD3-6000-18000-20-S](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-7000-8000-20-S

3-Way, 7~8GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency:	7~8GHz
Insertion Loss:	1dB max.
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	0.4dB max.
Phase Balance:	$\pm 4^\circ$
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

Mechanical

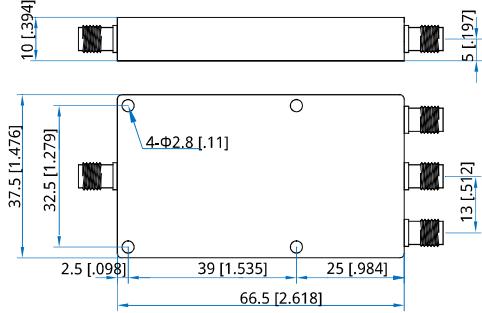
Size ^{*1} :	66.5*37.5*10mm 2.618*1.476*0.394in
Weight:	62g
Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD3-7000-8000-20-S

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-8000-12000-20-S

3-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: 1.4 max.
Isolation: 18dB min.
Amplitude Balance: 0.5dB max.
Phase Balance: $\pm 5^\circ$
Impedance: 50 Ω
Average Power: 20W max.
1W max. as combiner

Mechanical

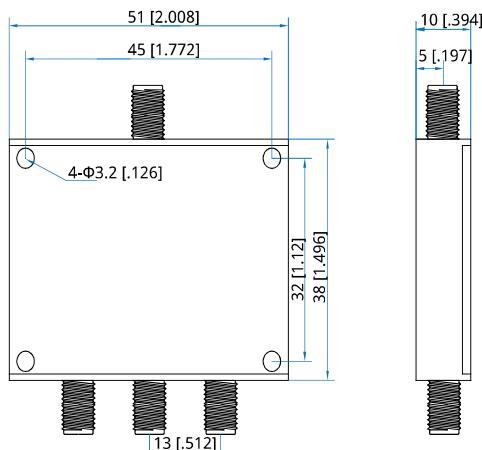
Size^{*1}: 38*51*10mm
1.496*2.008*0.394in
Weight: 55g
Connectors: SMA Female
Mounting: 4-Φ3.2mm through-hole

[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

NPD3-8000-12000-20-S

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-9000-11000-20-S

3-Way, 9~11GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 9~11GHz
Insertion Loss: 0.8dB max.
Input VSWR: 1.4 max.
Output VSWR: 1.3 max.
Isolation: 18dB min.
Amplitude Balance: 0.5dB max.
Phase Balance: $\pm 5^\circ$
Impedance: 50Ω
Average Power: 20W max.
1W max. as combiner

Mechanical

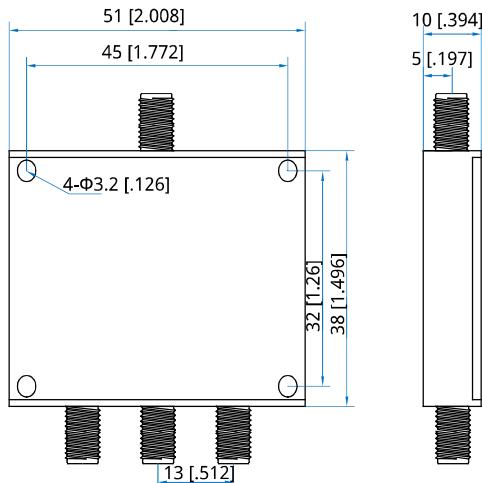
Size^{*1}: 38*51*10mm
1.496*2.008*0.394in
Weight: 52g
Connectors: SMA Female
Mounting: 4-Φ3.2mm through-hole

[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

[NPD3-9000-11000-20-S](#)

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-16000-18000-20-S

3-Way, 16~18GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 16~18GHz
Insertion Loss: 0.8dB max.
Input VSWR: 1.4 max.
Output VSWR: 1.3 max.
Isolation: 18dB min.
Amplitude Balance: 0.5dB max.
Phase Balance: $\pm 5^\circ$
Impedance: 50Ω
Average Power: 20W max.
1W max. as combiner

Mechanical

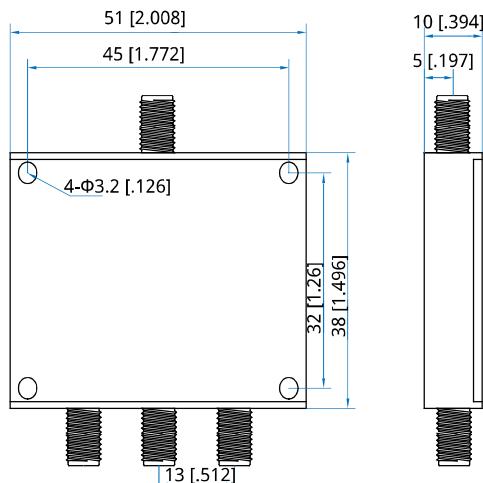
Size^{*1}: 38*51*10mm
1.496*2.008*0.394in
Weight: 55g
Connectors: SMA Female
Mounting: 4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operation Temperature: -45~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

NPD3-16000-18000-20-S

Customization is available upon request.



3-Way Power Divider/Combiner

NPD3-26000-31000-20-K

3-Way, 26~31GHz

Features:
* Small Size
* Low Insertion Loss

Applications:
* Amplifiers
* Mixers
* Antennas
* Laboratory Test

Electrical

Frequency: 26~31GHz
Insertion Loss: 1.5dB max.
Input VSWR: 1.5 max.
Output VSWR: 1.5 max.
Isolation: 16dB min.
Amplitude Balance: 0.6dB max.
Phase Balance: $\pm 6^\circ$
Impedance: 50 Ω
Average Power: 20W max.
1W max. as combiner

Mechanical

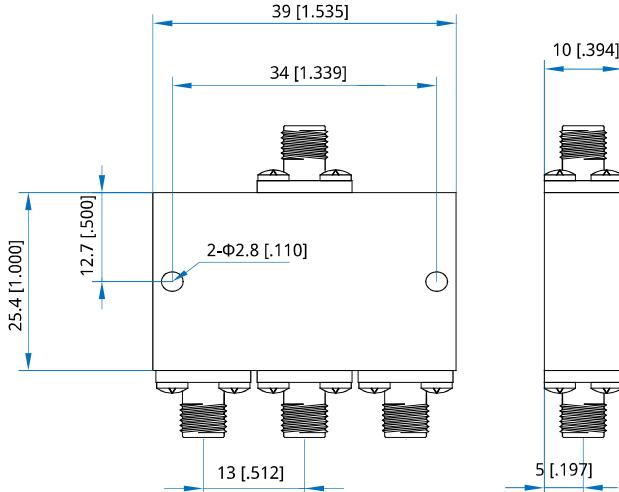
Size^{*1}: 25.4*39*10mm
1*1.535*0.394in
Weight: 80g
Connectors: 2.92mm Female (Stainless steel)
Mounting: 2-Φ2.8mm through-hole

[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

NPD3-26000-31000-20-K

Customization is available upon request.