



## 12-Way Power Divider/Combiner

# NPD12-500-8000-20-S

12-Way, 0.5~8GHz

#### Features:

- \* Small Size
- \* Low Insertion Loss

#### Applications:

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

#### Electrical

Frequency:	0.5~8GHz
Insertion Loss:	5dB max.
Input VSWR:	1.6 max.
Output VSWR:	1.4 max.
Isolation:	16dB min.
Amplitude Balance:	±1.2dB
Phase Balance:	±12°
Impedance:	50Ω
Average Power:	20W max. 1W max. as combiner

#### Mechanical

Size <sup>*1</sup> :	286*180*12mm
	11.26*7.087*0.472in
Weight:	680g
Connectors:	SMA Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

#### Environmental

Operation Temperature: -45~+85°C

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

#### How To Order

[NPD12-500-8000-20-S](#)

Customization is available upon request.