



NPD8-0-18000-2-S

8-Way, DC~18GHz, 1W

Features:

- * Small Size
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	DC~18GHz
Insertion Loss:	19,5dB max.
Input VSWR:	1.6 max.
Output VSWR:	2.5 max.
Isolation:	18dB min.
Amplitude Balance:	±1.5dB
Impedance:	50Ω
Average Power:	1W cw

Mechanical

Size *1:	48,57*48,57*12,7mm
Connectors:	SMA Female
Preferred finish:	Yellow conductive oxidation/Green/Blue/Sliver
Rohs:	Compliant
Weight:	0.2kg

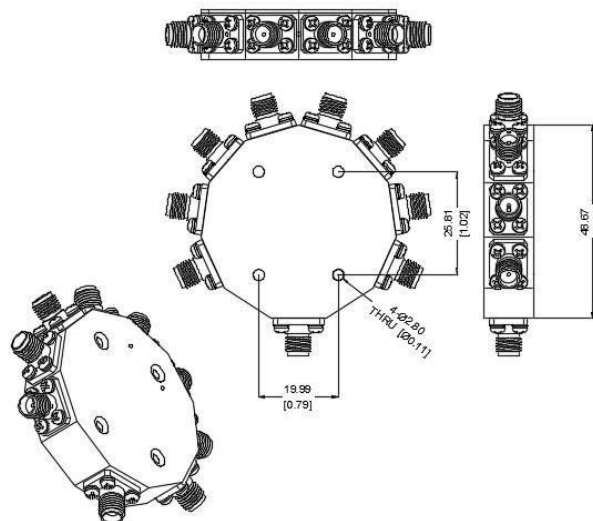
[1] Exclude connectors.

Environmental

Operation Temperature:	-40°C~+85°C
Storage Temperature:	-50°C~+105°C
Altitude:	30,000 ft. (Epoxy Sealed Controlled environment) 60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) Optional
Vibration:	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity:	100% RH at 35°C, 95%RH at 40°C
Shock:	20G for 11msec half sine wave, 3 axis both directions

8-Way Resistive Power Divider

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

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Customization is available upon request.