



8-Way Power Dividers/Combiners

NPD8-950-2150

8-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. (SMA, N&SMA) 1.2dB max. (N) 0.8dB max. (TNC)
Input VSWR:	1.25 max.
Output VSWR:	1.2 max.
Isolation:	30dB min. (SMA, N&SMA) 22dB min. (N) 20dB min. (TNC)
Amplitude Balance:	0.3dB max. (SMA, N&SMA, TNC) 0.4dB max. (N)
Phase Balance:	±3° (SMA, N&SMA, TNC) ±4° (N)
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

Mechanical

Mounting:	4-Φ3.2mm through-hole (SMA, N)
	4-Φ4.4mm through-hole (TNC)
	4-Φ4.5mm through-hole (N&SMA)

Environmental

Operation Temperature:	-35~+75°C
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How To Order

NPD8-950-2150-X-Y

X: Average power as divider

Y: Connector type

Connector naming rules:

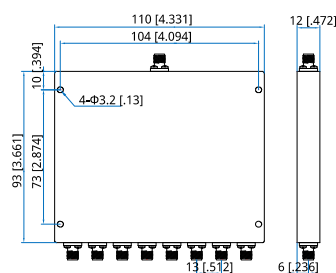
- S - SMA Female (Outline A)
- N - N Female (Outline B)
- T - TNC Female (Outline C)
- NS - N&SMA Female (Outline D)

Examples:

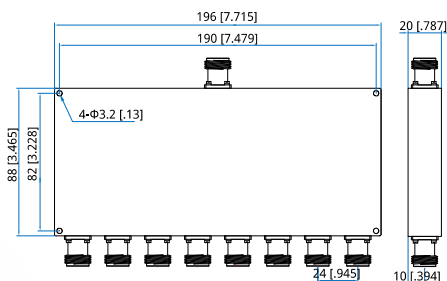
To order a 8-way power divider, 0.95~2.15GHz, 30W, N female, specify NPD8-950-2150-30-N.

Customization is available upon request.

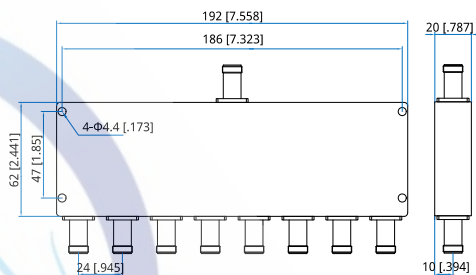
Outline Drawings



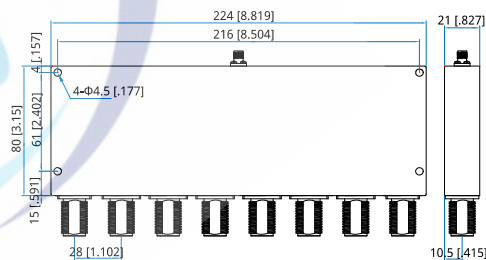
Outline A



Outline B



Outline C



Outline D

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]