

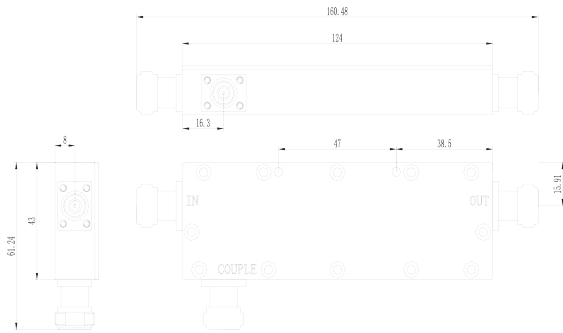
N-Female Directional Couplers, 600-4000 MHz

by WAVEFORM

SKU: CPL640NF-x

Main Features:

- 600 - 4000 MHz
- 50 Ω
- 300 W Power Handling



Specifications:

Electrical:

SKU	CPL640NF-5	CPL640NF-6	CPL640NF-7	CPL640NF-10	CPL640NF-20
Insertion Loss (Main Branch Output Loss)	≤ 2.1 dB	≤ 1.7 dB	≤ 1.5 dB	≤ 1.0 dB	≤ 0.4 dB
Coupling Factor (Off Branch Output Loss)	5 dB	6 dB	7 dB	10 dB	20 dB
Ratio between Ports (Tap)	3 dB	4 dB	5 dB	9 dB	19 dB
In-Band Ripple	± 1.0 dB	± 1.0 dB	± 1.0 dB	± 1.2 dB	± 1.5 dB
Frequency Range	600 - 4000 MHz				
Input Impedance	50 Ω				
VSWR	≤ 1.25				
Directivity	≥ 20 dB				
PIM (IM3)	≤ -150 dBc @ +43 dBm*2				
Power Rating (Average)	300 W				

Mechanical:

Connector Type	N-Female
Connector Material	Copper
Cavity Color	Black
Cavity Material	Silver Plated Aluminum
Inner Conductor Material	Silver Plated Copper
Dimensions	124 x 43 x 20 mm
Net Weight	0.35 kg

Environmental:

Applied Environment	Indoor / Outdoor
Protection Class	IP65
Relative Humidity	5 to 95 %
Operating Temperature	-20 to +65 deg C



WAVEFORM

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