

Product Specifications



H-3-CPUS-N

Hybrid Coupler, 800–2500 MHz



CHARACTERISTICS

Dimensions

Height	25.00 mm 0.98 in
Length	133.00 mm 5.24 in
Net Weight	420.00 g 0.93 lb
Width	76.00 mm 2.99 in

Electrical Specifications

Operating Frequency Band	800 – 2500 MHz
3rd Order IMD	-140 dBc (relative to carrier)
3rd Order IMD Test Method	Two +43 dBm Carriers
Average Power, maximum	120 W
Coupling	3.1 dB
Coupling Tolerance	±0.2 dB
Frequency Sensitivity	±0.3 dB
Impedance	50 ohm
Isolation at Frequency Band	23 dB @ 800–2500 MHz
Reflected Power, maximum	120 W
Return Loss	20.0 dB
VSWR	1.2:1

Environmental Specifications

Application	Indoor/Outdoor
Ingress Protection Test Method	IEC 60529:2001, IP65
Operating Temperature	-25 °C to +85 °C (-13 °F to +185 °F)
Relative Humidity	Up to 100%

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General Specifications

Device Type	Hybrid
Interface	N Female
Color	Black

Mechanical Specifications

Inner Contact Plating	Silver
Outer Contact Plating	Trimetal

Packed Dimensions

Height	38.0 mm 1.5 in
Length	178.0 mm 7.0 in
Shipping Weight	470.00 g 1.04 lb
Volume	36.3233 in ³
Width	88.0 mm 3.5 in