

Hybrid Coupler

RFHC-3-NF

Low PIM

Low VSWR

Other
Configurations
Available

50 Ohms
Impedance

RoHS Compliant



GENERAL SPECIFICATIONS

Device Type	Hybrid Coupler
Interface	N Female
Color	Black
Weight.....	1.05 lb
Dimensions.....	5.8" L x 3.7" W x 1.5" H

ELECTRICAL SPECIFICATIONS

Operation Frequency Band.....	698-2700 Mhz
3rd Intermodulation	≤ -155 dBc (relative to carrier)
3rd Intermodulation Test Method.....	Two +43 dBm carriers
Average Power	200 Watt
Coupling	3.05 dB
Coupling Tolerance	± 0.5 dB
Impedance.....	50 Ω
Insert Loss at Frequency Band	0.2 dB@698-2700 Mhz
Isolation at Frequency Band	25 dB@698-2700 Mhz
Peak Power	1 Kw
VSWR.....	≤ 1.25

MECHANICAL SPECIFICATIONS

Inner Contact Plating.....	Silver
Outer Plating.....	White Bronze (Tri-Metal)

ENVIRONMENTAL SPECIFICATIONS

Application	Indoor/Outdoor
Operating Temperature.....	-22°F ~ +167°F
Relative Humidity	Up to 100%
Regulatory Compliance / Certifications.....	RoHS / IP65

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Note: Specifications subject to change without notice

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