

3.05dB Hybrid Coupler N Female, 698-2700MHz

RFHC-3-NF

Low PIM

Low VSWR

Other Configurations Available

50 Ohms Impedance

RoHS Compliant

IP 67 Rated



GENERAL SPECIFICATIONS

Device Type	Hybrid Coupler
Interface	N Female
Color	Black
Weight.....	0.85 lbs
Bracket Included.....	Yes
Dimensions.....	5.8" L x 3.15" W x 1" H

ELECTRICAL SPECIFICATIONS

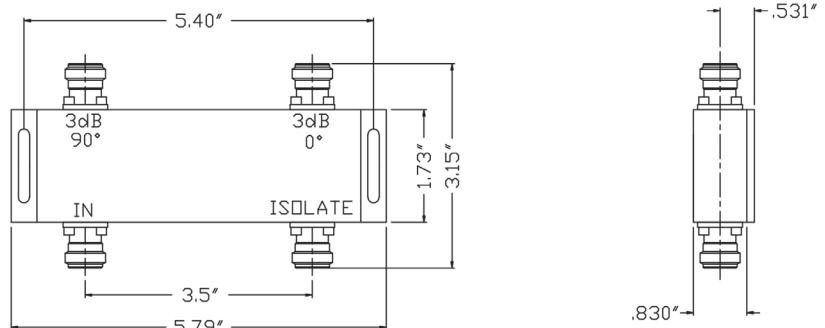
Operation Frequency Band.....	698-2700 MHz
3rd Intermodulation	≤ -150 dBc (relative to carrier)
3rd Intermodulation Test Method.....	Two +43 dBm carriers
Average Power	200 Watt
Coupling	3.05 dB
Coupling Tolerance	±0.5 dB
Impedance.....	50Ω
Insertion Loss	0.2 dB@698-2700 MHz
Isolation at Frequency Band	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.....	-30°C ~ +75°C, -22°F ~ +167°F
Relative Humidity	Up to 100%
Regulatory Compliance / Certifications.....	RoHS / IP65



RF Industries

(NASDAQ: RFIL)

7610 Miramar Road
San Diego, CA 92126

(800) 233-1728

(858) 549-6340

Fax: (858) 549-6345

rfi@rfindustries.com

www.rfindustries.com