

15dB Directional Coupler N Female, 698-2700MHz

RFDC-15DBC-NF

Low PIM

Low VSWR

**Other
Configurations
Available**

**50 Ohms
Impedance**

RoHS Compliant

IP 67 Rated



GENERAL SPECIFICATIONS

Device Type	Directional Coupler
Interface	N Female
Color	Black
Dimensions.....	6.10" L x 2.95" W x 0.87" H
Bracket Included.....	Yes
Weight.....	0.8 lbs

ELECTRICAL SPECIFICATIONS

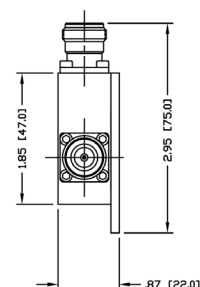
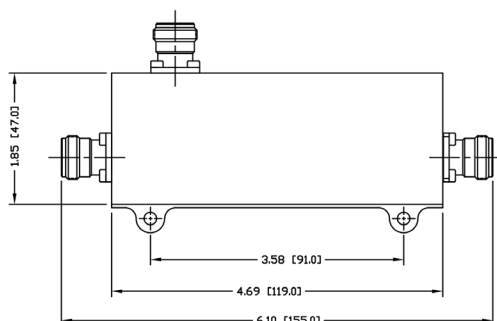
Operation Frequency Band.....	698-2700 MHz
3rd Intermodulation	≤ -155 dBc (relative to carrier)
3rd Intermodulation Test Method.....	Two +43 dBm carriers
Average Power	200Watt
Impedance.....	50Ω
Coupling	15dB
Coupling Tolerance	± 1.0dB
Insertion Loss	≤ 0.4dB @ 698-2700 MHz
Isolation	≥ 35dB @ 698-2700 MHz
Peak Power	1.0 Kw
VSWR.....	≤ 1.20

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 / IP67



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