

10dB Directional Coupler 7-16 DIN Female, 380-2700MHz

RFDC-10DBA-DF

Low PIM

Low VSWR

**Other
Configurations
Available**

**50 Ohms
Impedance**

RoHS Compliant

IP 67 Rated



GENERAL SPECIFICATIONS

Device Type	Directional Coupler
Interface	7-16 DIN Female
Color	Black
Dimensions.....	8.66" L x 3.10" W x 1.43" H
Bracket Included.....	Yes
Weight.....	2 lbs

ELECTRICAL SPECIFICATIONS

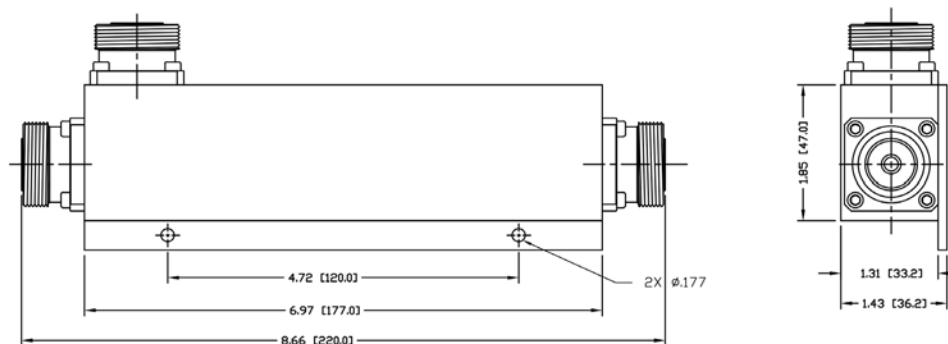
Operation Frequency Band.....	380-2700 MHz
3rd Intermodulation	≤ -155 dBc (relative to carrier)
3rd Intermodulation Test Method.....	Two +43 dBm Carriers
Average Power, Maximum.....	500 Watt
Peak Power	1.5 Kw
Coupling	10dB
Coupling Tolerance	± 1.2dB
Impedance.....	50Ω
Insertion Loss	≤ 0.7dB@380-2700 MHz
Directivity.....	≥ 20dB
Isolation at Frequency Band	≥ 30dB@380-2700 MHz
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 / IP67



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