

13dB Directional Coupler 7-16 DIN Female, 380-2700MHz

RFDC-13DBA-DF

Low PIM

Low VSWR

Other Configurations
Available

50 Ohms Impedance

RoHS Compliant



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.....	13dB
Coupling Tolerance.....	±1.2dB
Impedance.....	50Ω
Insertion Loss.....	≤0.5dB@380-2700 MHz
Directivity.....	≥20dB
Isolation at Frequency Band.....	≥33dB@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

