

6dB Directional Coupler

7-16 DIN Female, 698-2700MHz

RFDC-6DBC-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.....	6.39" L x 3.25" W x 1.42" H
Bracket Included.....	Yes
Weight.....	1.59 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.....	200 Watt
Impedance.....	50Ω
Coupling.....	6dB
Coupling Tolerance.....	±0.8dB
Insertion Loss.....	≤1.7dB@698-2700 MHz
Isolation.....	≥26dB@698-2700 MHz
Peak Power.....	1 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

