6dB Directional Coupler
N Female, 380-2700MHz
RFDC-6DBA-NF

**GENERAL SPECIFICATIONS**
- Device Type: Directional Coupler
- Interface: N Female
- Color: Black
- Dimensions: 8.39” L x 3” W x 0.87” H
- Bracket Included: Yes
- Weight: 1 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: 200 Watt
- Impedance: 50Ω
- Coupling: 6dB
- Coupling Tolerance: ±1.2dB
- Insertion Loss: ≤1.7dB@380-2700 MHz
- Directivity: ≥20dB
- Isolation: ≥26dB@380-2700 MHz
- Peak Power: 1.5 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 / IP67