

Low PIM Directional Coupler

Model No.: DC08-3827NF60

- Excellent passive intermodulation (PIM), -160dBc guaranteed.
- Wideband frequency range: 400MHz Tetra, AWS 700, CDMA 800/1900, GSM 900/1800 UMTS, LTE and WiMAX.
- 200 watts average high power rating
- Minimal RF insertion loss
- IP65 for both indoor and outdoor operations



Product Specifications:

| Electrical | | Mechanical | |
|---|----------|-------------------------|------------------|
| Frequency Range (MHz) | 380-2700 | Connectors | N-Female |
| VSWR | 1.25 | Connector Finish | Tri-metal |
| Return Loss | 19dB | Connector Inner Conduct | Silver Plating |
| Coupling Loss | 8.0 dB | Housing Finish | Painting |
| Coupling Tolerance | ±1.2 dB | Width | 66 mm |
| Insertion Loss | 1.3 dB | Length | 211 mm |
| Dissipative Loss | 0.2 dB | Height | 22.0 mm |
| Isolation | 28 dB | Weight | Approx. 720 g |
| Power Rating | 200 W | Environmental | |
| Maximum Peak Power | 1000 W | Temperature Range | -40 °c to 75 °c |
| Passive Intermodulation(PIM), 3 rd order@2*43dBm | -160dBc | Relative Humidity | 0 to 100% |
| Input Impedance | 50 Ω | Applications | Indoor & Outdoor |
| | | IP Level | IP65 |

Engineering Drawings

