

## Low PIM Coaxial Coupler

Model No.: CC06-3527NF60

- 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)                                       | 350-960/1710-2700 | Connectors              | N-Female         |
| VSWR  | 1.25              | Connector Finish        | Tri-metal        |
| Return Loss   | 19 dB             | Connector Inner Conduct | Silver Plating   |
| Coupling Loss   | 6.0 dB            | Housing Finish          | Painting         |
| Coupling Tolerance  | ±1.0 dB           | Width                   | 25.0 mm          |
| Insertion Loss  | 1.6 dB            | Length                  | 141.2mm          |
| Dissipative Loss  | 0.1dB             | Height                  | 43 mm            |
| Power Rating  | 200 W             | Weight                  | 200.0 g          |
| Maximum Peak Power  | 3 kW              | Environmental           |                  |
| Passive Intermodulation(PIM), 3 <sup>rd</sup> order@2*43dBm | -160dBc           | Temperature Range       | -40 °c to 75 °c  |
| Input Impedance   | 50 Ω              | Relative Humidity       | 0 to 100%        |
|   |                   | Applications            | Indoor & Outdoor |
|   |                   | IP Level                | IP65             |

## Engineering Drawings

