

## Low PIM Directional Coupler

Model No.: DC30-3827NF60

- 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	30.0 dB	Housing Finish	Painting
Coupling Tolerance	±1.5 dB	Width	66 mm
Insertion Loss	0.3 dB	Length	211 mm
Dissipative Loss	0.2 dB	Height	22.0 mm
Isolation	50 dB	Weight	Approx. 720 g
Power Rating	300 W	Environmental	
Maximum Peak Power	2000 W	Temperature Range	-40 °c to 75 °c
Passive Intermodulation(PIM), 3 <sup>rd</sup> order@2*43dBm	-160dBc	Relative Humidity	0 to 100%
Input Impedance	50 Ω	Applications	Indoor & Outdoor
		IP Level	IP65

## Engineering Drawings

