

## Low PIM Hybrid Coupler

Model No.: HC22-3827NF60

- 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
- Very good isolation
- IP65 for both indoor and outdoor operations



### Product Specifications:

Electrical		Mechanical	
Frequency Range (MHz)	380-2700	Connectors	N-Female
VSWR	1.2	Connector Finish	Tri-metal
Return Loss	20.8 dB	Connector Inner Conduct	Silver Plating
Coupling Loss	3.1 dB	Housing Finish	Painting
Coupling Tolerance	± 1 dB	Width	85.0 mm
Dissipative Loss	0.3 dB	Length	184.0mm
Isolation	23dB	Height	32.0 mm
Power Rating	200 W	Weight	670.0 g
Maximum Peak Power	1 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

