

HIGH POWER 3 PORTS DIRECTIONAL COUPLERS

FEATURES

- High Power 200 Watts
- Wide Band 800-2700 MHz
- N Female Connectorized

Pacific Wave's PW-1257-xxN range of couplers are specifically designed for the Cellular Telecommunication market and now also includes the New 3rd Generation implementation & WLAN. These products are particularly suitable for in-building network distribution.

Our Coupler is all Low Inter-modulation design, housing are machined using high quality Aluminum with silver plated. Connectors are high quality manufactured with special Low IM plating. Our Internal strip-line circuits are all manufactured using high temperature material specially fixed to the box to ensure excellent longevity even in extreme circumstances.

Electrical Specifications

Part Number	PW-1257-xxN (xx=Coupling value required)	
Coupling Values	6, 8, 10, 15, 20, 25 or 30dB	
Frequency	800-2700 MHz	<u>High Loss – Low Loss</u>
VSWR	<1.3	6dB – 1.9dB
Isolation	>22dB	8dB – 1.2dB
Passband Ripple	<0.4dB	10dB – 0.7dB
Maximum Input Power	200 W	15dB – 0.4dB
Impedance	50Ω	20dB – 0.3dB
PIM @2x+43dBm	≤ -140dBc	25dB – 0.25dB
Connector Type	N Female	30dB – 0.25dB
Operation Temperature	-40°C to +70°C	

Mechanical Specifications

Dimension	156mm x 58mm x 17mm
Weight	240g

