

HIGH POWER DIRECTIONAL COUPLERS

FEATURES

- **High Power 100 Watts**
- **Special designed for CDMA 450Mhz**
- **N Female Connector**

Pacific Wave's PW-1245-XXN range of couplers are specifically designed for CDMA 450MHz Cellular Telecommunication market. Our Splitter are Low Inter-Modulation design, housing are machined using high quality aluminum with silver plated. Connectors are high quality manufactured with special low IM Plating. These products are particularly suitable for in-building network distribution.

Electrical specifications

Part Number	PW-1245-XX-N (XX=Coupling value required)
Coupling Values	5, 7, 10 15, 20, 25, 30 or 40dB
Frequency	400-500 MHz
VSWR	< 1.3
Isolation	>25dB
Passband Ripple	<0.4dB
Maximum Input Power	100 W
Impedance	50Ω
Connector Type	N Female

Coupling Value - Insertion Loss

5dB	- < 2.0dB
7dB	- < 1.3dB
10dB	- < 0.8dB
15dB	- < 0.5dB
20dB	- < 0.4dB
25dB	- < 0.3dB
30dB	- < 0.3dB
40dB	- < 0.3dB

Mechanical specifications

Dimension	157mm x 79mm x 31mm
Weight	295 grams
Operating Temperature	-50 ⁰ C~ +70 ⁰ C
Operating Humidity	5%-95%

Picture :

