

Section 7

DATA LINK ANTENNAS

Updated 22 February 2011

PD-240N2 2-Way N-Type WiMAX Power Divider

Frequency
2.4 – 2.5 GHz

Bandwidth
Full Band



PD-240N2 is a power divider for combining the output of two WiMAX data link antennas operating in the frequency range 2.4 to 2.5 GHz.

Constructed from aluminium, brass and stainless steel, this power divider will maintain return loss to better than -20 dB, less than 1.2:1 VSWR across the full band.

The N-Type Female connectors are rated for up to 250 watts power.

The power divider can be secured to a bracket using the M8 mounting bolt and washer provided.



SPECIFICATIONS	PD-240N2
Construction	Brass, aluminium and stainless steel
Frequency Range	2.4 to 2.5 GHz full band
Return Loss, VSWR	Better than -20 dB, < 1.2:1 across full band
Impedance	50 Ohms
Maximum Power	250 Watts
Input Connector	1 x N-Female
Output Connectors	2 x N-Female
Dimensions	80 mm long x 50 mm wide
Weight	200 grams
Mounting	To any bracket using the M8 bolt and washer provided