

## PD-240N2

### 2-Way N-type female terminated power divider

#### 2.4-2.5GHz ISM / WiFi / WLAN / WiMAX



The PD-240N2 is a power divider for combining the output of two WiMAX data link antennas operating in the 2.4 to 2.5GHz range such as the SG2400 or Y2400-9.

The PD-240N2 has the ability to be installed either inside a structure or outside, ensure appropriate weather-proofing is applied to maintain the service life of the PD-240N2.

The PD-240N2 comes fitted with a right-angle mounting bracket for either rack or wall mounting. A suitable M6 mounting bolt or screw will be required for securing.

Branch feeder cables, water-proofing, bird proofing and other installation accessories are all available separately.



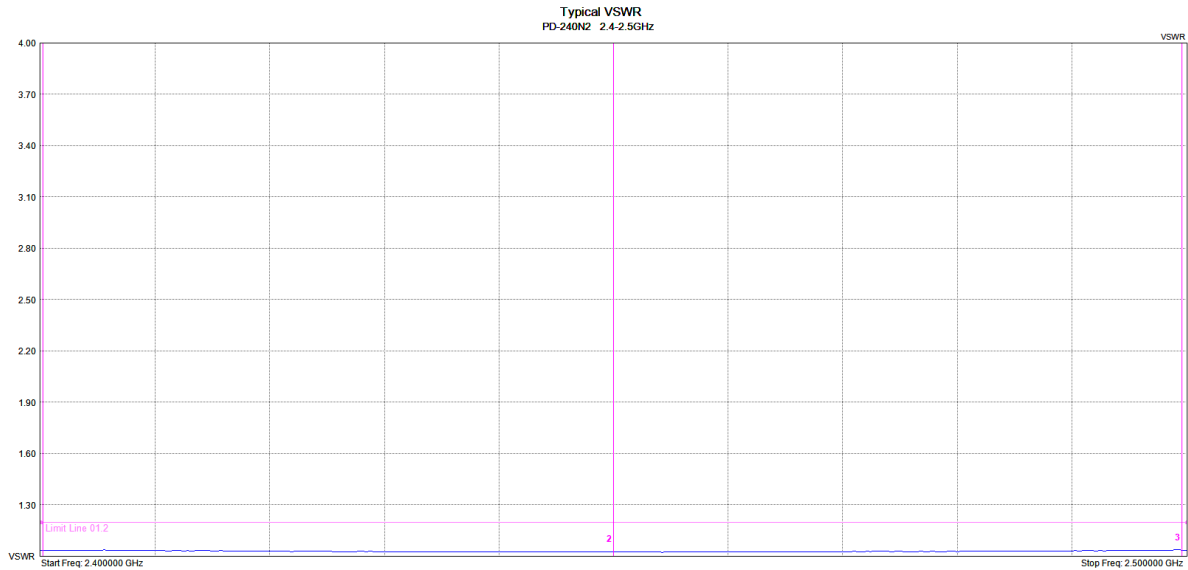
Construction	Aluminium outer body, aluminium mount bracket and chrome plated terminations
Frequency range	ISM/WiFi/WiMAX 2.4-2.5GHz
Bandwidth	Full frequency range stated
VSWR	<1.2:1
Impedance - nominal	50 Ohms
Maximum power - peak	250 Watts
Input connector	N-type female jack
Output connector	2 x N-type female jacks
Dimensions	80mm long x 50mm wide
Weight	200grams
Mounting hardware	Mount using bracket supplied - will require securing bolt/screw for mounting into rack or onto wall
Mounting position	Can be mounted either internally or externally. For external mounting ensure all terminations are sealed with a layer of amalgamation butile rubber and a layer of UV stabilised PVC tape.





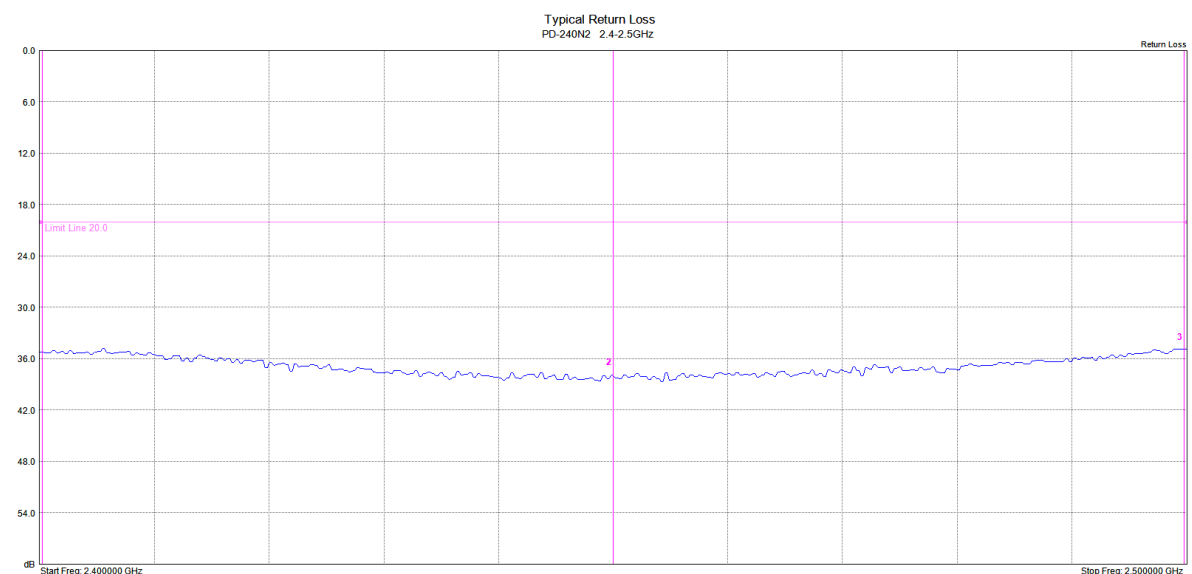
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Mix	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.400 GHz	1.03VSWR	--	--
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.450 GHz	1.03VSWR	--	--
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.500 GHz	1.04VSWR	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Typical VSWR



Mix	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.400 GHz	35.19 dB	--	--
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.450 GHz	37.92 dB	--	--
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.500 GHz	34.92 dB	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Typical Return Loss