FEATURES :

- *Ultra Wide Bandwidth*
- *Low Insertion Loss*
- *Tight Phase and Amplitude Balance*
- *Compact Size*

SPECIFICATIONS

Frequency Range, [MHz]	1 -500
Insertion Loss*, typ/max [dB]	
1-100MHz	0.7 / 0.8
100 - 500MHz	1.3 / 1.5
Isolation, min [dB]	22
Amplitude Balance, typ/max [dB]	±0.2
Phase Balance, typ/max [degrees]	±5
VSWR, max 5-100MHz	1.3:1
1 - 500MHz	1.5:1

Operating Characteristics

Input Power CW max. [W], total as combiner, with matched loads	0.25
Input Power CW max. [W], as splitter with matched loads	1
Impedance, [Ohm]	50
Operating Temperature	-20°C to +70°C

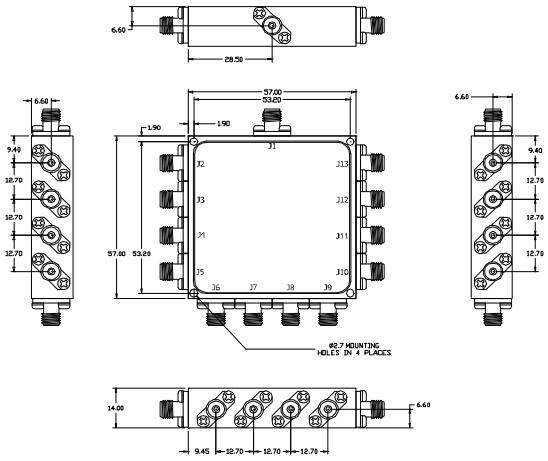
Ordering Information

Model No.

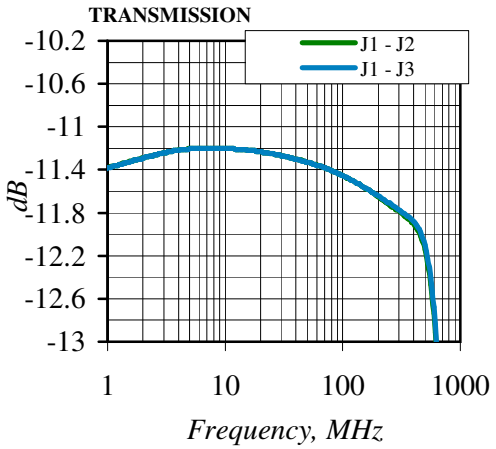
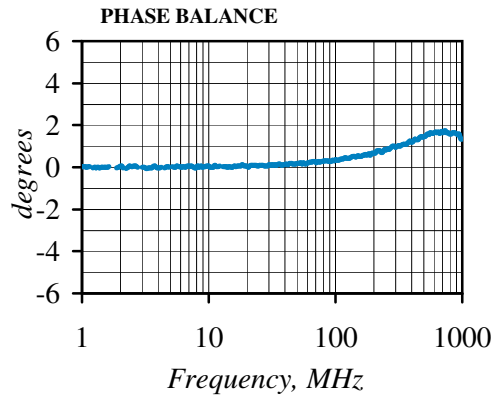
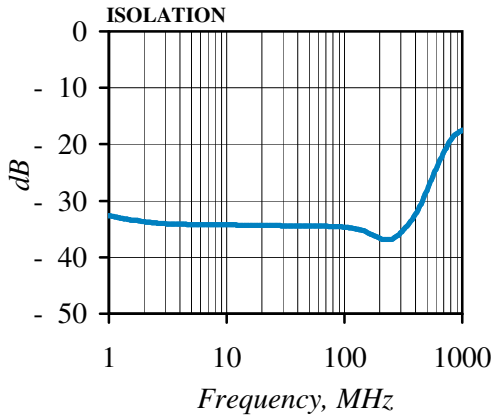
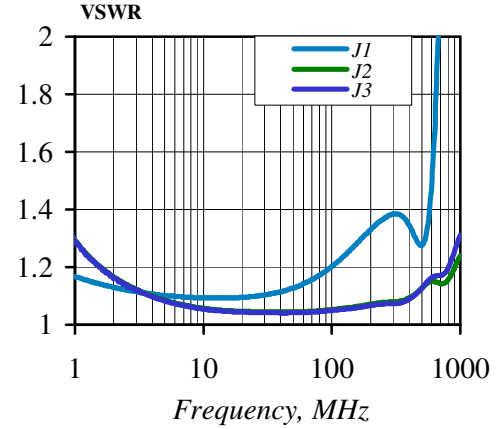
PD12-1-500-SMA

Outline drawing

dimensions in mm



* Above theoretical loss

Specifications Subject To Change Without Notice

Typical Performance