

FEATURES :

- **Wide Bandwidth**
- **Low Insertion Loss**
- **Tight phase and amplitude balance**

SPECIFICATIONS

Frequency Range, [GHz]	6 - 18
Insertion Loss*, max [dB]	6-12GHz 0.8 12-18GHz 1.2
Isolation, min [dB]	18
Amplitude Balance, max [dB]	±0.4
Phase Balance, max [degrees]	±6
Return Loss, Common port J0, max [dB]	-13
Return Loss, Ports J1 to J4, max [dB]	-15

Operating Characteristics

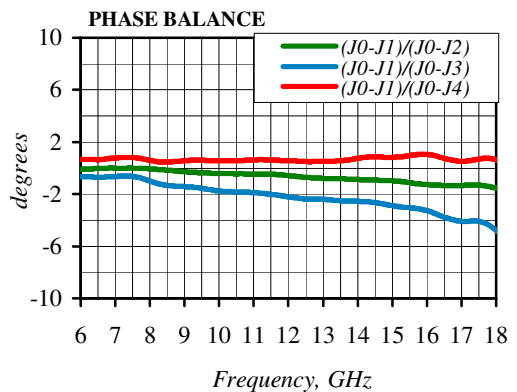
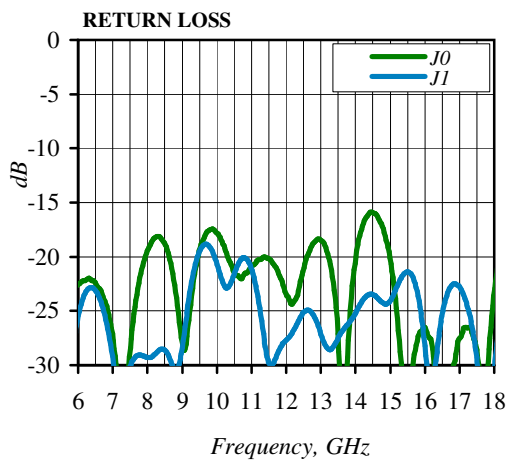
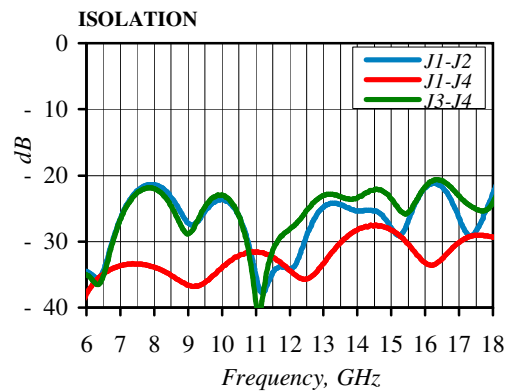
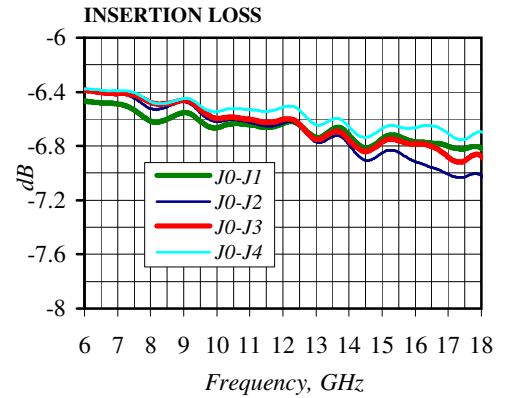
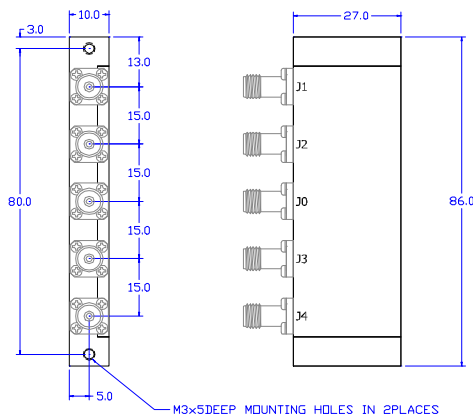
Input Power CW, [W] as splitter, with matched loads at J1 to J4	1
Input Power peak, [W] as splitter, with matched loads at J1 to J4	10
Input Power CW per port, [W] as combiner, with matched load at J0	0.25
Impedance, [Ohm]	50
Operating Temperature	-20°C to +70°C

Ordering Information

Model No.	Connectors
PD4-6000-18000-SMA	SMA-Female

Outline drawing

dimensions in mm



* Above 6dB theoretical split loss

Specifications Subject To Change Without Notice

Rev. C 11.06.2024