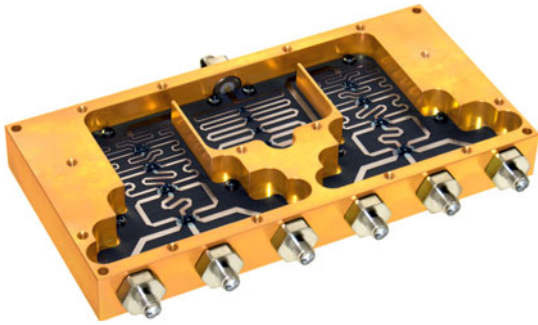


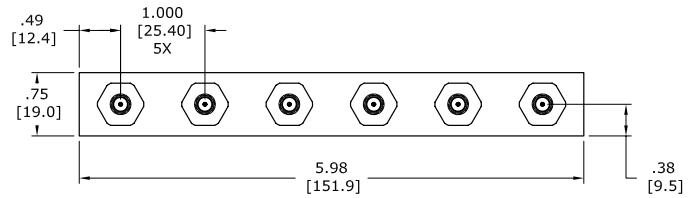
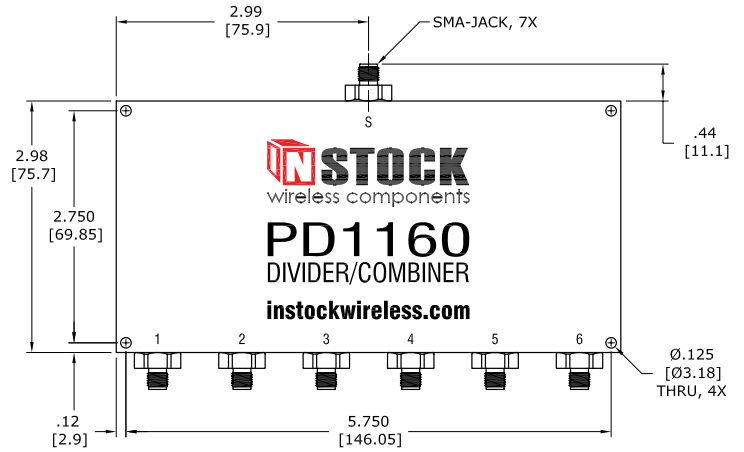
PD1160 - POWER DIVIDER/COMBINER

6-Way, SMA-Jack, 0.7-2.7 GHz, 40 Watts



precision designed & etched microstrip circuit

- Broadband Frequency (0.7 - 2.7 GHz)
- Low Insertion Loss (0.5 dB avg)
- High Isolation (30 dB avg)
- Excellent VSWR (1.15 : 1 avg)
- Tri-Alloy Plated Connectors for Low PIM

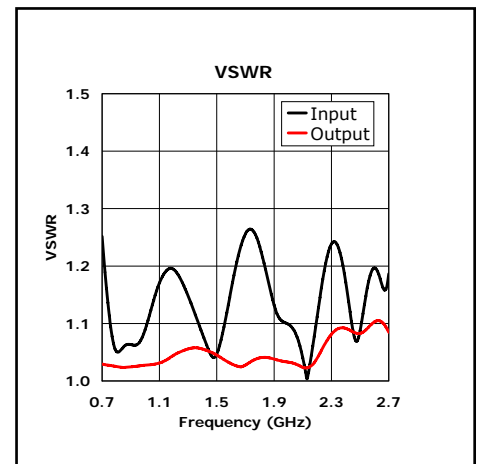
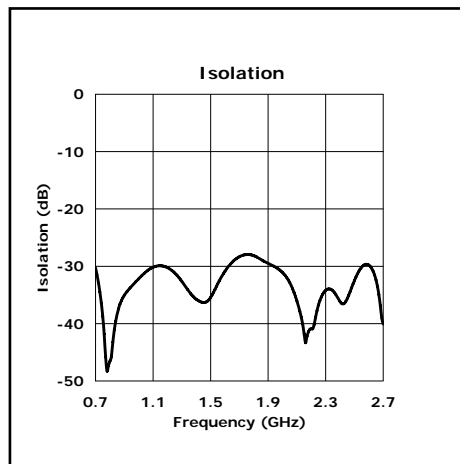
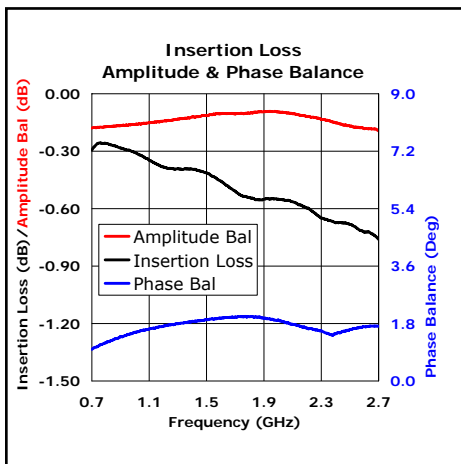


Power Divider Input Ratings		
Into Matched Load VSWR's	In-Phase	180° Out-of-Phase
1.2 : 1	40 Watts	40 Watts
2.0 : 1	40 Watts	20 Watts
∞	20 Watts	4 Watts
Power Combiner Input Ratings		
Input Signals	In-Phase	180° Out-of-Phase
Coherent	6 X 6.67 Watts	6 X 0.66 Watts
Non-Coherent	6 X 1.33 Watts	

Mechanical Specifications

- Connectors SMA-Jack, 7X
- Body Brass, Tri-Alloy Plate
- Connector Pin Beryllium Copper, Gold Plate
- Insulator PTFE, Virgin Electrical Grade
- Housing Aluminum, Yellow Iridite
- Operating Temp -65°C to +85°C
- Weight 471 Grams

Frequency Range	Insertion Loss (above 7.78 dB)	Amplitude Balance	Phase Balance	Isolation	Input VSWR	Output VSWR
0.7 - 2.7 GHz	1.1 dB max	0.3 dB max	5° max	18 dB min	1.40 : 1 max	1.20 : 1 max



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