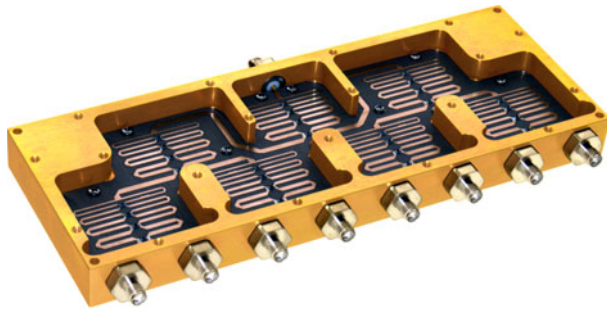


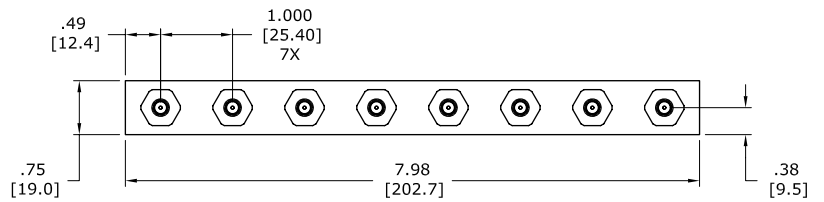
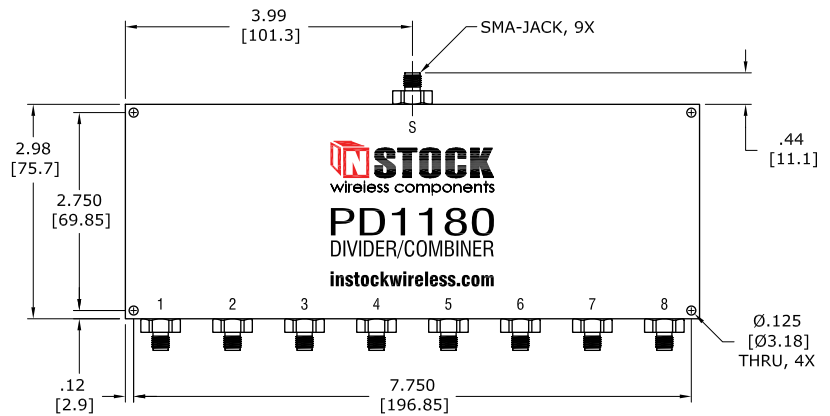
PD1180 - POWER DIVIDER/COMBINER

8-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 (0.6 dB avg)
- High Isolation (30 dB avg)
- Excellent VSWR (1.15 : 1 avg)
- Tri-Alloy Plated Connectors for Low PIM

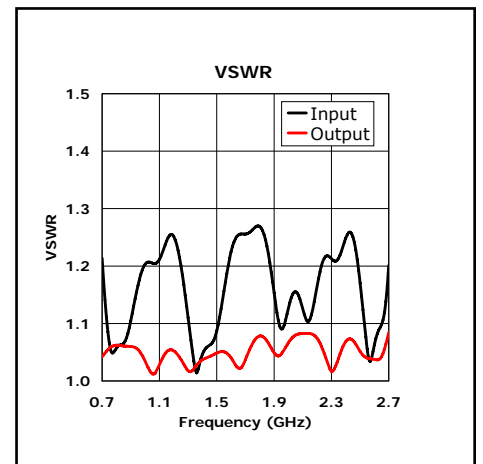
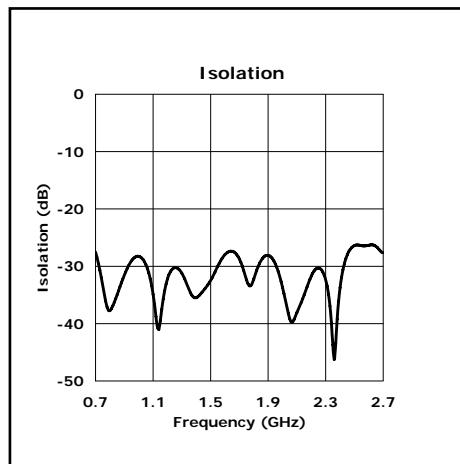
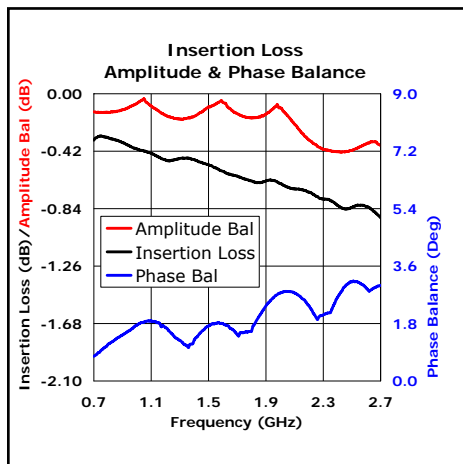


Mechanical Specifications

- Connectors SMA-Jack, 9X
- 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 604 Grams

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	40 Watts
∞	20 Watts	4 Watts
Power Combiner Input Ratings		
Input Signals	In-Phase	180° Out-of-Phase
Coherent	8 X 5 Watts	8 X 0.5 Watts
Non-Coherent	8 X 1 Watt	

Frequency Range	Insertion Loss (above 9.03 dB)	Amplitude Balance	Phase Balance	Isolation	Input VSWR	Output VSWR
0.7 - 2.7 GHz	1.3 dB max	0.5 dB max	6° max	22 dB min	1.35 : 1 max	1.15 : 1 max



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