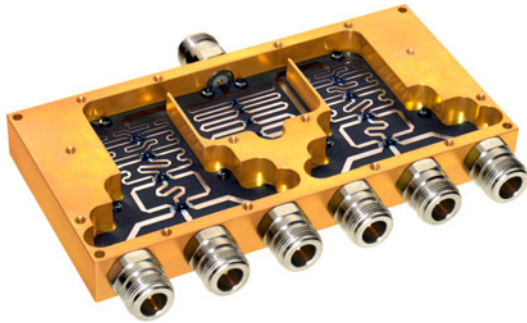


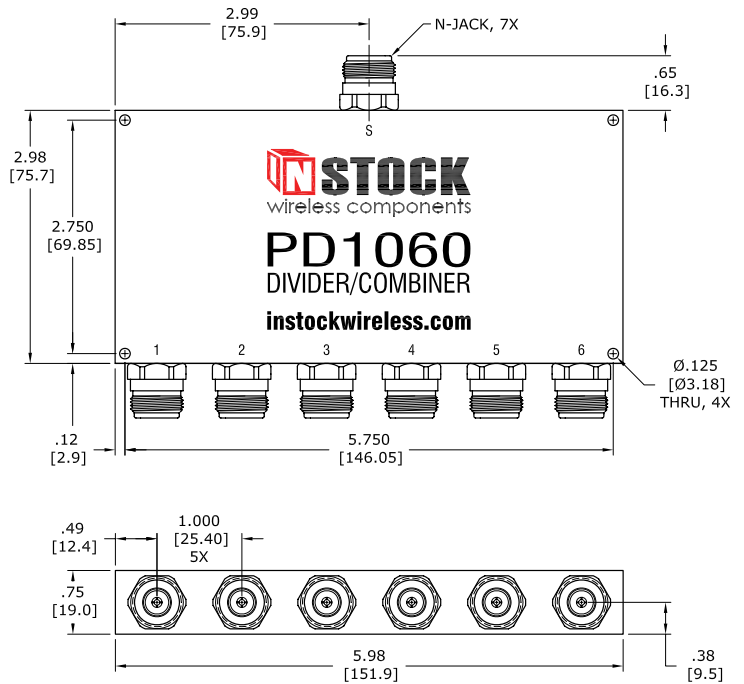
PD1060 - POWER DIVIDER/COMBINER

6-Way, N-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

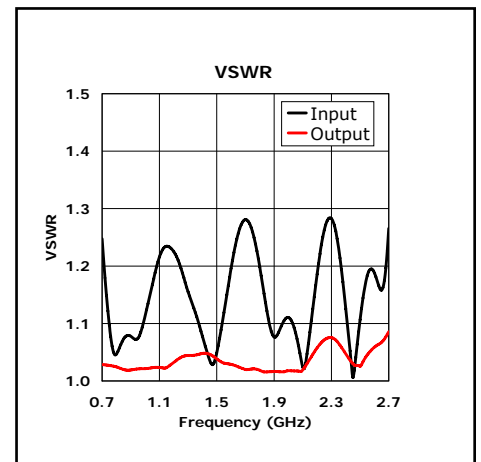
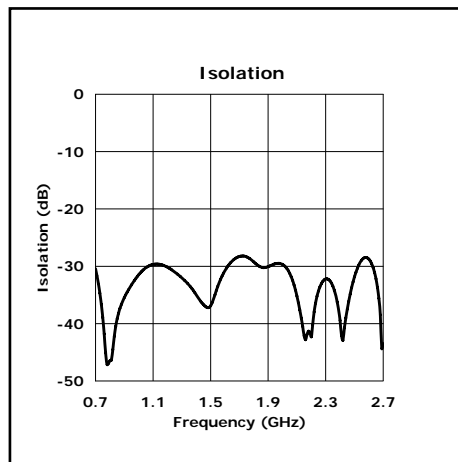
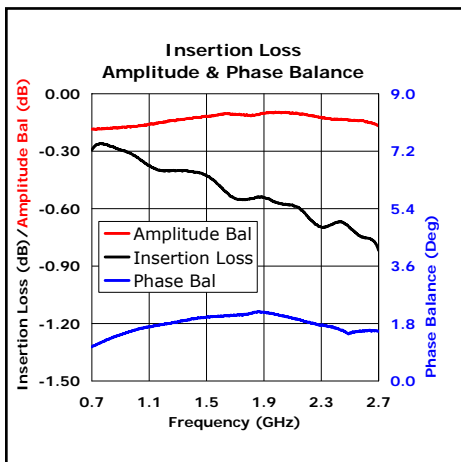


| Power Divider Input Ratings | | |
|------------------------------|----------------|-------------------|
| Into Matched Load VSWR's | In-Phase | 180° Out-of-Phase |
| 1.2 : 1 | 40 Watts | 40 Watts |
| 2.0 : 1 | 40 Watts | 20 Watts |
| ∞ | 20 Watts | 2 Watts |
| Power Combiner Input Ratings | | |
| Input Signals | In-Phase | 180° Out-of-Phase |
| Coherent | 6 X 6.67 Watts | 6 X 0.33 Watts |
| Non-Coherent | 6 X 0.66 Watts | |

Mechanical Specifications

Connectors N-Jack, 7X
 Body Brass, Tri-Alloy Plate
 Connector Pin Phosphor Bronze, Gold Plate
 Insulator PTFE, Virgin Electrical Grade
 Housing Aluminum, Yellow Iridite
 Operating Temp -65°C to +85°C
 Weight 567 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 | 0.4 dB max | 6° max | 22 dB min | 1.35 : 1 max | 1.20 : 1 max |



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