T-1000

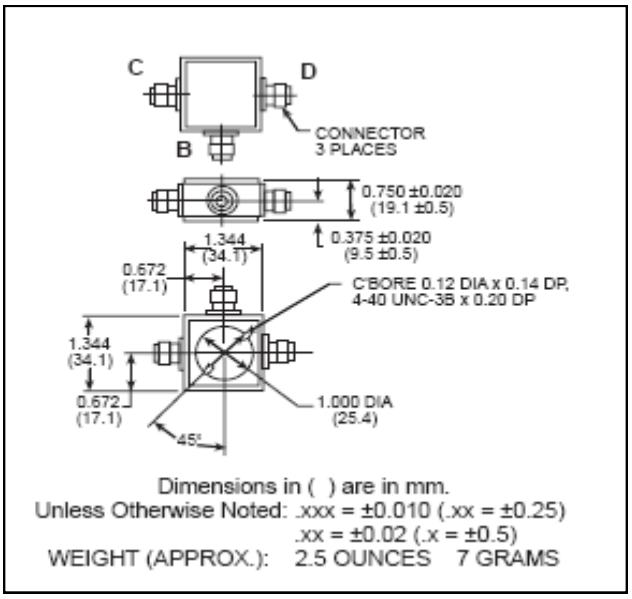
Two-Way Power Divider, 10 - 1000 MHz

Rev. V3

Features

- Broadband Frequency Range
- Isolation - 25 dB Min
- Insertion Loss - 0.8 dB Max

C-7



Guaranteed Specifications: From –55°C to +85°C

Frequency Range		10-1000 MHz
Insertion Loss (less coupling)	10-500 MHz 500-1000 MHz	0.5 dB Max 0.8 dB Max
Isolation		25 dB Min
Amplitude Balance		0.2 dB Max
VSWR (All Ports)	10-500 MHz 500-1000 MHz	1.5:1 Max 1.3:1 Max
Phase Balance		2° Max

Operating Characteristics

Parameter	Absolute Maximum
Impedance	50 Ohms Nominal
Maximum Power Rating Or Input Power	2.0 Watt Max
Internal Load Dissipation	0.5 Watt Max
Environmental MIL-STD-202 screening available.	

* All specifications apply with 50 ohm source and load impedance.

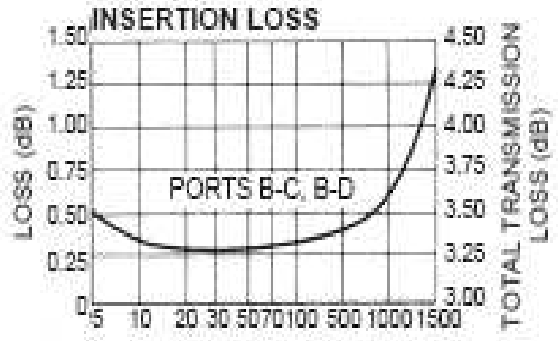
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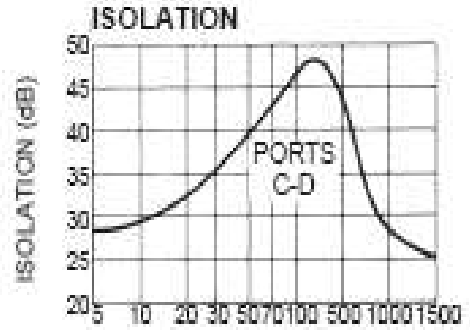
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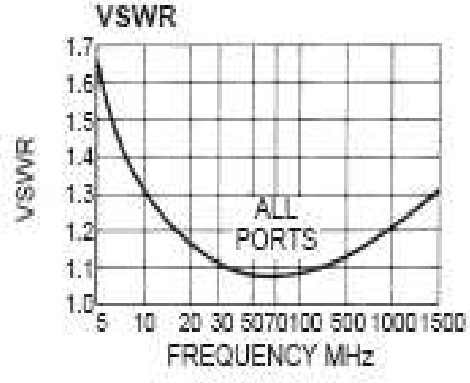
Two-Way Power Divider, 10 - 1000 MHz

Rev. V3

Typical Performance Curves







Ordering Information

Part Number	Package
T-1000 BNC	Connector zed
T-1000 SMA	Connector zed
T-1000 TNC	Connector zed
T-1000 N	Connector zed

Functional Diagram

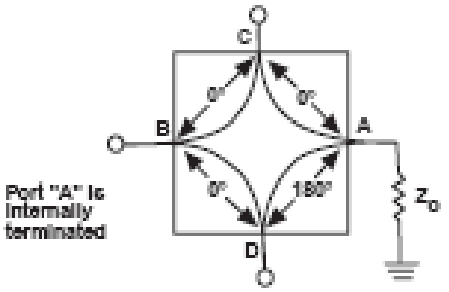


Figure 1. 2 Way, In-Phase (0°) Power Divider/Summer, or ISO-T

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