

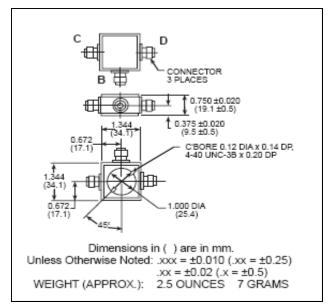
Two-Way Power Divider, 10 - 1000 MHz

Rev. V2

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		2º 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
Enviornmental MIL-STD-202 screening available.	

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

ADVANCED: Data Sheets contain information regarding a product M/A-COM Technology Solutions is considering for development. Performance is based on target specifications, simulated results, and/or prototype measurements. Commitment to develop is not guaranteed.

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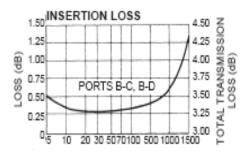
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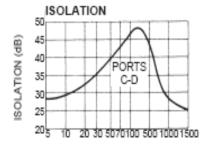


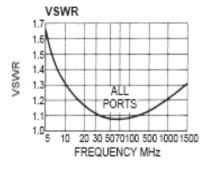
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Typical Performance Curves







Ordering Information

Part Number	Package
T-1000 BNC	Connectorized
T-1000 SMA	Connectorized
T-1000 TNC	Connectorized
T-1000 N	Connectorized

Functional Diagram

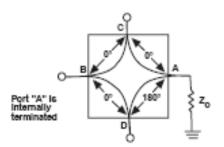


Figure 1. 2 Way, In-Phase (0°) Power Divider/Summer, or ISO-T

Visit www.macomtech.com for additional data sheets and product information.

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