

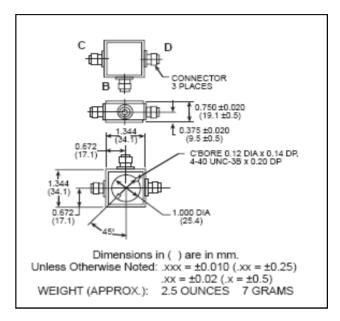
# Two-Way Power Divider, 10 - 1000 MHz

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.	

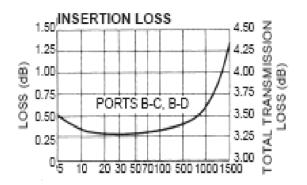
<sup>\*</sup> All specifications apply with 50 ohm source and load impedance.

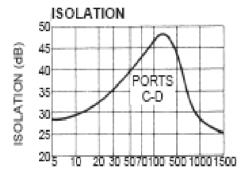


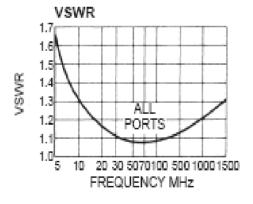
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# **Typical Performance Curves**







# **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**

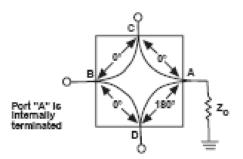


Figure 1. 2 Way, In-Phase (0°) Power Divider/Summer, or ISO-T

T-1000



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