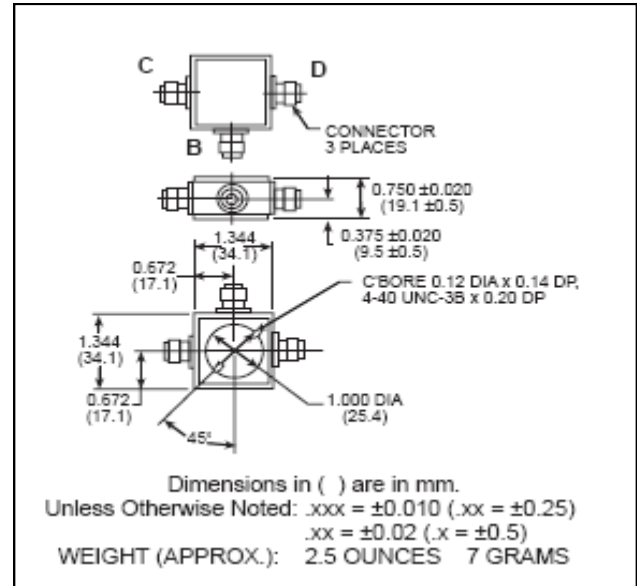


## Features

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

## C-7



## Guaranteed Specifications: From -55°C to +85°C

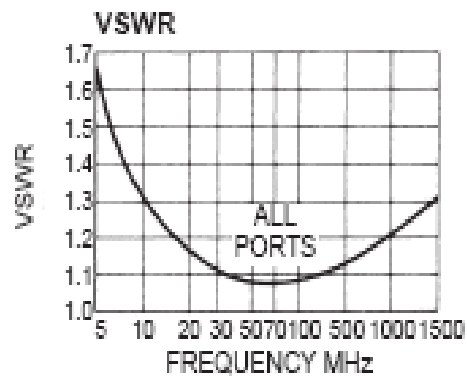
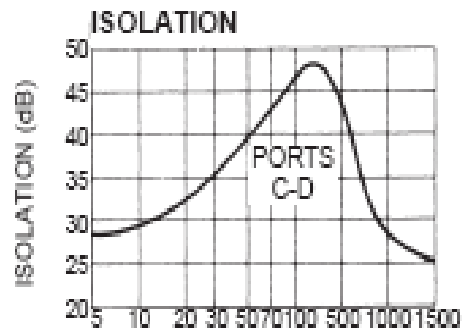
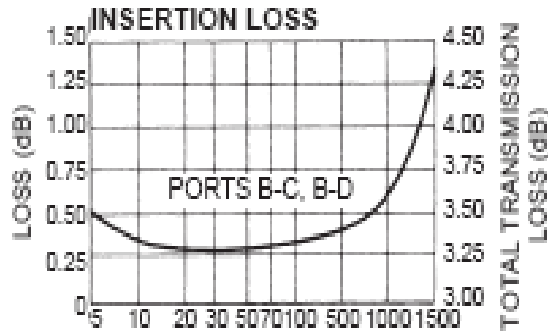
Frequency Range		10-1000 MHz
Insertion Loss (less coupling)	10-500 MHz	0.5 dB Max
	500-1000 MHz	0.8 dB Max
Isolation		25 dB Min
Amplitude Balance		0.2 dB Max
VSWR (All Ports)	10-500 MHz	1.5:1 Max
	500-1000 MHz	1.3:1 Max
Phase Balance		2° Max

## 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.

## 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

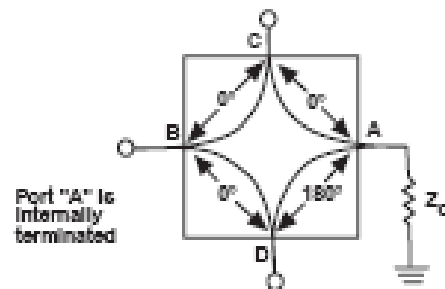


Figure 1. 2-Way, In-Phase ( $0^\circ$ ) Power Divider/Summer, or ISO-T

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