

Two-Way Power Divider 10 - 1000 MHz

T-1000

V2.00

Features

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

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	
Phase Balance	2° Max	
VSWR (All Ports)	10-500 MHz	1.5:1 Max
	500-1000 MHz	1.3:1 Max

Operating Characteristics

Impedance	50 Ohms Nominal
Maximum Power Rating or Input Power	2.5 Watts Max
Internal Load Dissipation	0.5 Watts Max

Environmental

MIL-STD-202 screening available.

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

Ordering Information

Model No.		Package
T-1000	BNC	Connectorized
T-1000	TNC	Connectorized
T-1000	N	Connectorized
T-1000	SMA	Connectorized

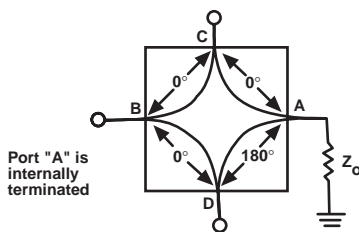
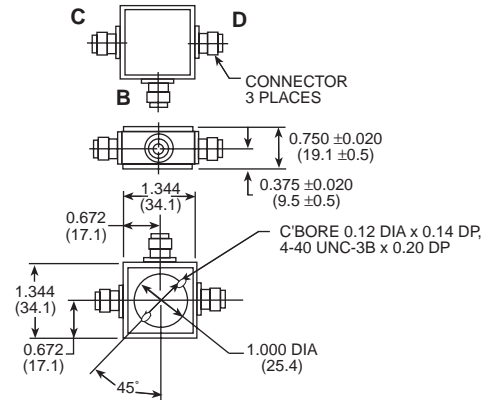


Figure 1. 2 Way, In-Phase (0°) Power Divider/Summer, or ISO-T

C-7



Dimensions in () are in mm.
Unless Otherwise Noted: .xxx = ±0.010 (.xx = ±0.25)
.xx = ±0.02 (.x = ±0.5)
WEIGHT (APPROX.): 2.5 OUNCES 7 GRAMS

Typical Performance

