

# 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)

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

### Operating Characteristics

<b>Impedance</b>	50 Ohms Nominal
<b>Maximum Power Rating or Input Power</b>	2.5 Watts Max
<b>Internal Load Dissipation</b>	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

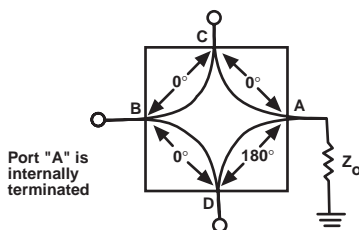
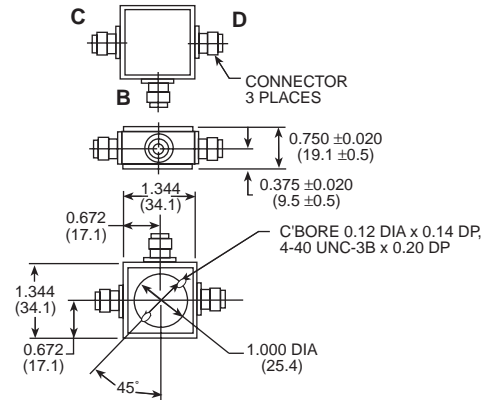


Figure 1. 2 Way, In-Phase (0°) Power Divider/Summer, or ISO-T

### 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

