

Two-Way Power Dividers

2 - 200 MHz and 20 - 400 MHz

THV-50/TU-50

V2.00

Features

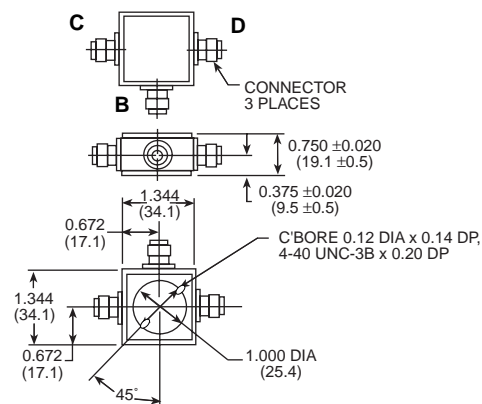
- Isolation – 30 dB Min
- Loss – 0.5 dB Max
- Low VSWR – 1.3:1 Max

Guaranteed Specifications*

(From – 55°C to + 85°C)

MODEL	THV-50	TU-50
Frequency Range	2-200	20-400 MHz
Insertion Loss (Less coupling)	0.5	0.5 dB Max
Isolation	30	30 dB Min
Amplitude Balance	0.2	0.2 dB Max
Phase Balance	1.0	2.0° Max
VSWR (All Ports)	1.3:1	1.3:1 Max

C-7



Dimensions in () are in mm.
 Unless Otherwise Noted: .xxx = ±0.015 (.xx = ±0.38)
 (.x = ±0.4)
 WEIGHT (APPROX.): 2.5 OUNCES 71 GRAMS

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
THV-50 BNC	Connectorized
THV-50 N	Connectorized
THV-50 SMA	Connectorized
THV-50 TNC	Connectorized
TU-50 BNC	Connectorized
TU-50 TNC	Connectorized
TU-50 N	Connectorized
TU-50 SMA	Connectorized

Typical Performance

