# THV-50 / TU-50



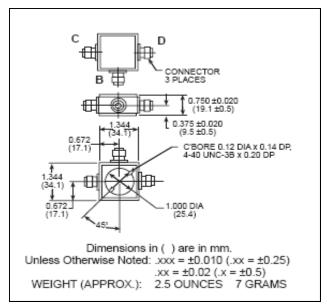
Two-Way Power Dividers, 2 - 200 MHz and 20 - 400 MHz

Rev. V2

#### **Features**

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

#### C-7



### 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 Max	1.3:1 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
Enviornmental MIL-STD-202 screening available.	

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

typical. Mechanical outline has been fixed. Engineering samples Commitment to produce in volume is not duardited.

ADVANCED: Data Sheets contain information regarding a product M/A-COM Technology Solutions is considering for development. Performance is based on target specifications, simulated results, and/or prototype measurements. Commitment to develop is not guaranteed.

PRELIMINARY: Data Sheets contain information regarding a product M/A-COM Technology Solutions has under development. Performance is based on engineering tests. Specifications are

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India Tel: +91.80.4155721
 China Tel: +86.21.2407.1588
 Visit www.macomtech.com for additional data sheets and product information.

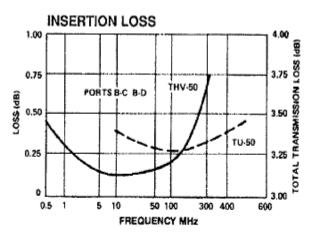
# THV-50 / TU-50

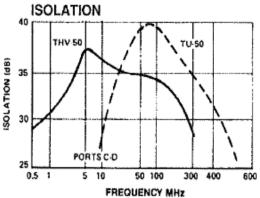


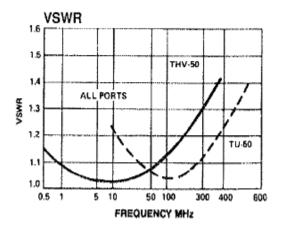
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### **Typical Performance Curves**







#### **Ordering Information**

Part Number	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

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