

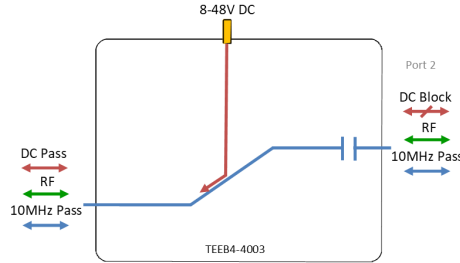


RF Components

Model Number:  
**TEEB4-4003**

# Broad-Band Bias Tee

## 500 - 2500MHz



- 10MHz pass
- 48V & 5A DC rated

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type
- 50 Ω BNC
- 75 Ω BNC
- 75 Ω F-type.

**Flexible Mounting**  
Tapped screw & through hole mounting options

**Compact**  
Housed in rugged compact enclosure

**500 - 2500 MHz**  
Operating frequency range. L-Band ready

**DC**  
External DC powering



RF Parameters						
TEEB4-4003-XXXX	S5S5	N5N5	B5B5	B7B7	F7F7	
Frequency Range	500 - 2500 MHz					
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type	
Mean Insertion Loss (dB)	0.2±0.2	0.2±0.2	0.2±0.2	0.4±0.3	0.4±0.3	
Flatness ± (dB)	0.25	0.25	0.25	0.6	0.6	
Input Return Loss (dB)	Typ.	14	14	14	10	10
	Min	10	8	8	8	8
Output Return Loss (dB)	Typ.	14	12	12	10	10
	Min	10	8	8	8	8

10MHz Insertion Loss is up to 3dB above the Mean Insertion Loss\*  
\*To ports which are applicable

### Broadcast



### Marine Oil & Gas



### SNG & VSAT



### Satellite Teleport





RF Components

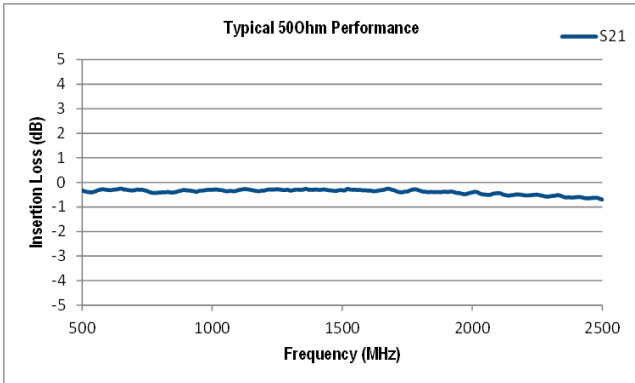
Model Number:  
**TEEB4-4003**  
*Broad-Band Bias Tee*

### Technical specifications and operating parameters

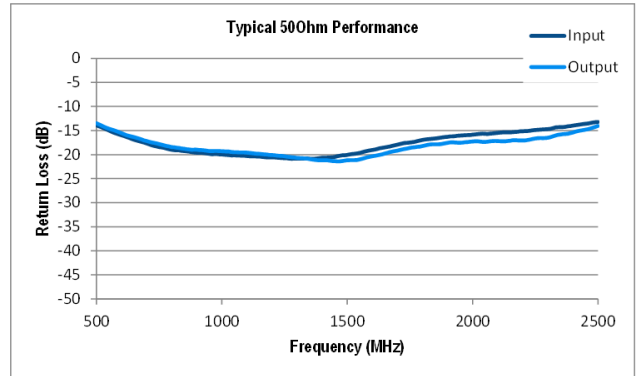
Environmental	
Operating Temperature	0°C to +45°C
Storage Temperature	-20°C to +75°C
Location	Indoor use Only
Humidity	85% non-condensing
Altitude	10,000 feet

Max Operating Parameters	
Input RF Power	+37dBm (5W)
DC Voltage	48V on any RF port
DC Current	5A BNC & N-type, 3A F-type & SMA

**!** Operation beyond these limits may cause instantaneous and permanent damage.

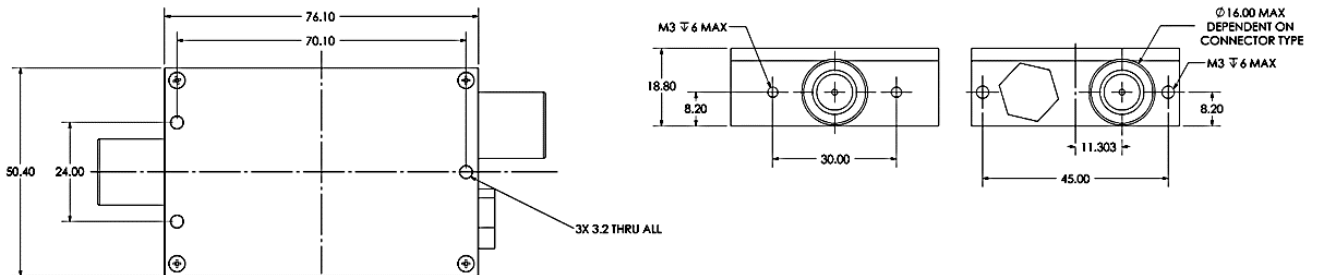


Insertion Loss (dB)



Return Loss (dB)

### Physical Dimensions (mm)



Note: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved specification accuracy.

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### DC Connector Options

We are able to offer the following options for connecting external DC power supplies:

#### Option 1

As standard our units are supplied with a feed-thru port for external soldering of power supply cable.

#### Option 2

For a Male Molex DC connector supplied on the Bias TEE please use the model number and add "/1" e.g. TEEL1-4007-N5N5/1

#### Option 3

For a Female Molex socket and cable assembly please use the model number: CABMLX-1500-F or refer to the ETL accessories section on our website.



### External Power Supplies

PSU Range			
Model Number	Input	Output	Other
PSU12F125-9701-SLP	100-240V (AC), 0.6A	12V (DC), 1.25A	Solder pin output
PSU12F125-9701-ML2	100-240V (AC), 0.6A	12V (DC), 1.25A	Female 3 pin Molex socket
PSU48F150-9703-SLP	100-240V (AC), 2.5A	48V (DC), 3.13A	Solder pin output
PSU48F150-9703-ML2	100-240V (AC), 2.5A	48V (DC), 3.13A	Female 3 pin Molex socket
Pricing available on request			

PSU12F125-9701



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