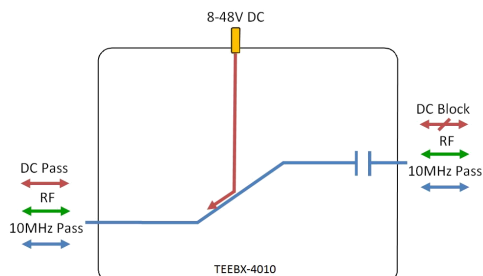




Model Number:
TEEBX-4010

RF Components

Wide-Band Bias TEE



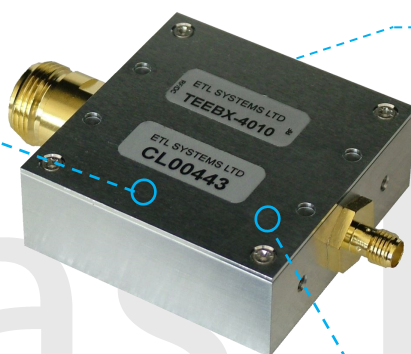
- DC inject via filter-con up to 5A

Available with RF connector options:

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



1 - 4200 MHz
operating frequency
range. L-Band ready



DC
External DC
powering



Compact
housed in
rugged compact
enclosure

RF Parameters					
TEEBX-4010-XXXX	S5S5	N5N5	B5B5	B7B7	F7F7
Frequency Range	1 - 4200 MHz			1-3000 MHz	
RF Connectors	50 Ω SMA	50 Ω N-Type	50 Ω BNC	75 Ω F-type	75 Ω BNC
Mean Insertion Loss (dB)	1 $\pm$ 0.5	1 $\pm$ 0.5	1 $\pm$ 0.5	1.25 $\pm$ 0.5	1.25 $\pm$ 0.5
Flatness $\pm$ (dB)	$\pm$ 0.6	$\pm$ 0.6	$\pm$ 0.8	$\pm$ 0.8	$\pm$ 0.8
Input Return Loss	Typ.	14 dB	14 dB	14 dB	14 dB
	Max	10 dB	10 dB	8 dB	8 dB
Output Return Loss	Typ.	14 dB	14 dB	14 dB	14 dB
	Max	10 dB	10 dB	8 dB	8 dB
10MHz Insertion loss is 0 $\pm$ 3dB* 10MHz Rejection is 20dB* to ports which are applicable					

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport





RF Components

Model Number:

TEEBX-4010

Wide-Band Bias TEE

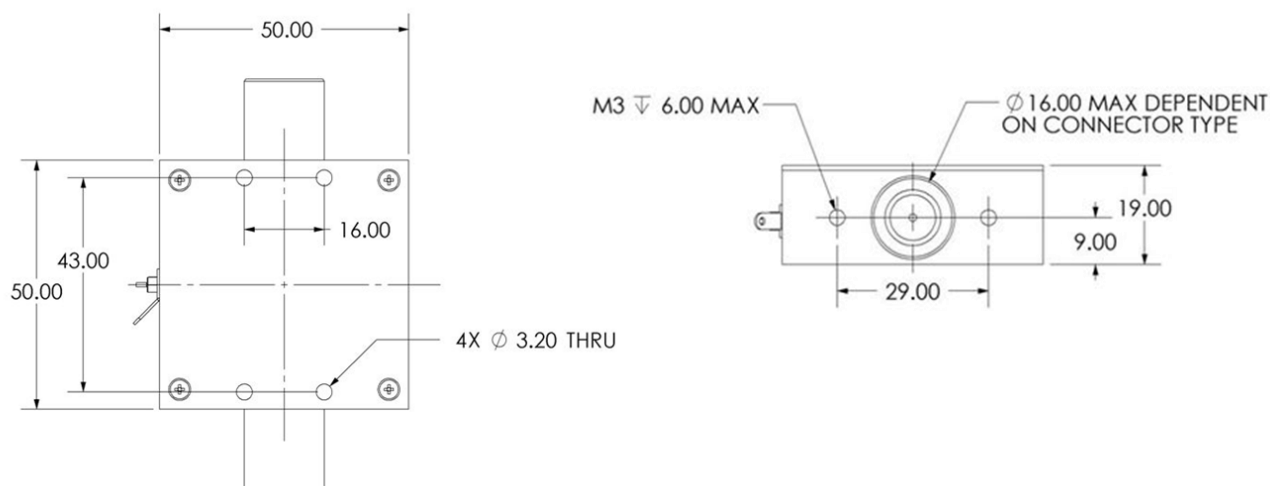
Technical specifications and operating parameters

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	+20 dBm (100mW)
DC Voltage	60V on any RF port
DC Current	5A Max 2A Max @ 50-60 V

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

Physical Dimensions



Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

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RF Components

Model Number:

TEEBX-4010

L-Band Bias Tee

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" eg. 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
PSUV30V04-9708-SLP	100-240V (AC), 0.8A	12V to 24V (DC), 1.65A	Solder pin output
PSUV30V04-9708-ML2	100-240V (AC), 0.8A	12V to 24V(DC) 1.65A	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



PSUV30V04-9708



Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

