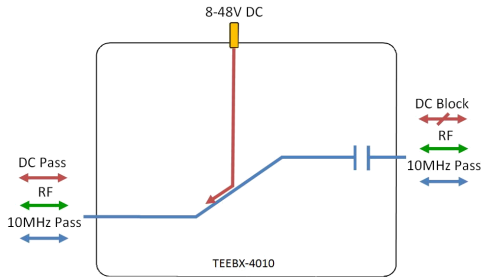




Model Number:
TEEBX-4010

RF Components

Wide-Band Bias TEE



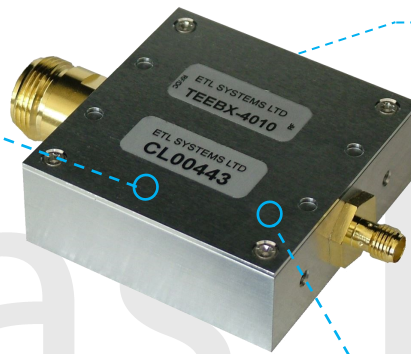
- DC inject via filter-con up to 5A

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

Bias TEE

RF Parameters					
TEEBX-4010-XXXX	S5S5	N5N5	B5B5	B7B7	F7F7
Frequency Range	1 - 4200 MHz			1-3000 MHz	
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω F-type	75Ω BNC
Mean Insertion Loss (dB)	1 ± 0.5	1 ± 0.5	1 ± 0.5	1.25± 0.5	1.25± 0.5
Flatness ± (dB)	± 0.6	± 0.6	± 0.8	± 0.8	± 0.8
Input Return Loss	Typ.	14 dB	14 dB	14 dB	14 dB
	Max	10 dB	10 dB	10 dB	8 dB
Output Return Loss	Typ.	14 dB	14 dB	14 dB	14 dB
	Max	10 dB	10 dB	10 dB	8 dB
10MHz Insertion loss is 0 ± 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

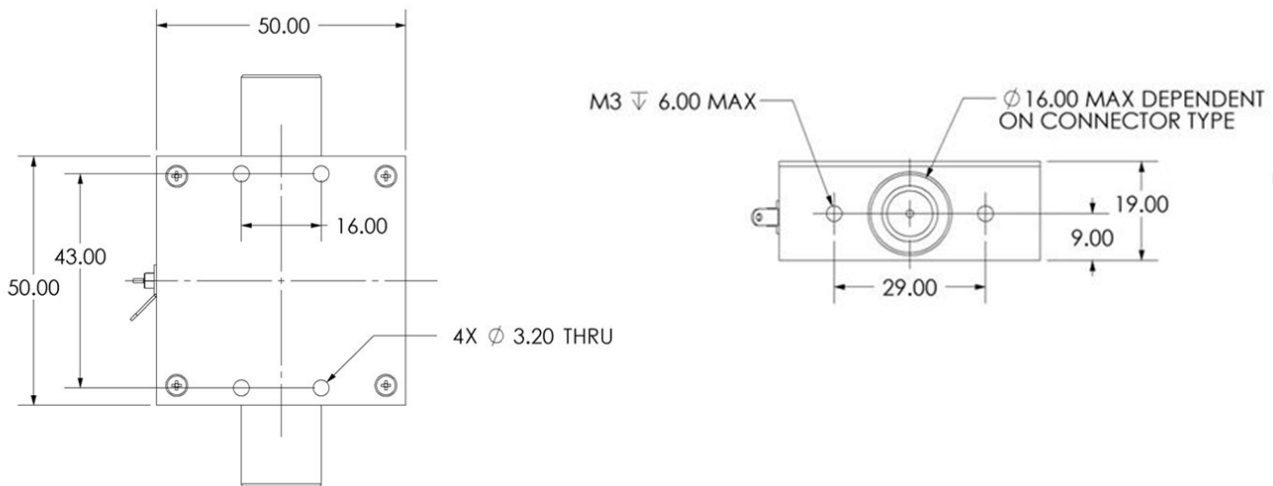
Technical specifications and operating parameters

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.

ETL SYSTEMS LIMITED
 Coldwell Radio Station
 Madley
 Hereford
 England HR2 9NE

TELEPHONE
 +44 (0)1981 259020
 EMAIL
 info@etlsystems.com

FACSIMILE
 +44 (0)1981 259021
 WEB
 www.etlsystems.com



