

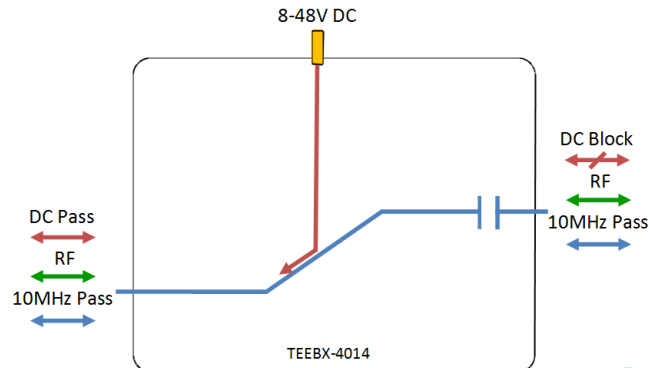


RF Components

Model Number:
TEEBX-4014

Broadband Bias Tee

10-3000 MHz



- High Power
- DC inject of up to 5A & 48V via filter-con.

Available with RF connector options:

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

8-48V
External DC
powering

Compact
Housed in
rugged compact
enclosure

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

10-3000 MHz
Operating frequency
range.



RF Parameters					
TEEBX-4014-XXXX	S5S5	N5N5	B5B5	B7B7	F7F7
Frequency Range	10 - 3000 MHz				
RF Connectors	50 Ω SMA	50 Ω N-Type	50 Ω BNC	75 Ω BNC	75 Ω F-Type
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 (dB)	0.6	0.6	0.8	0.8	0.8
Input Return Loss (dB)	Typ	14	14	14	14
	Min	10	10	8	8
Output Return Loss (dB)	Typ.	14	14	14	14
	Min	10	10	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:
TEEBX-4014
Broadband Bias Tee

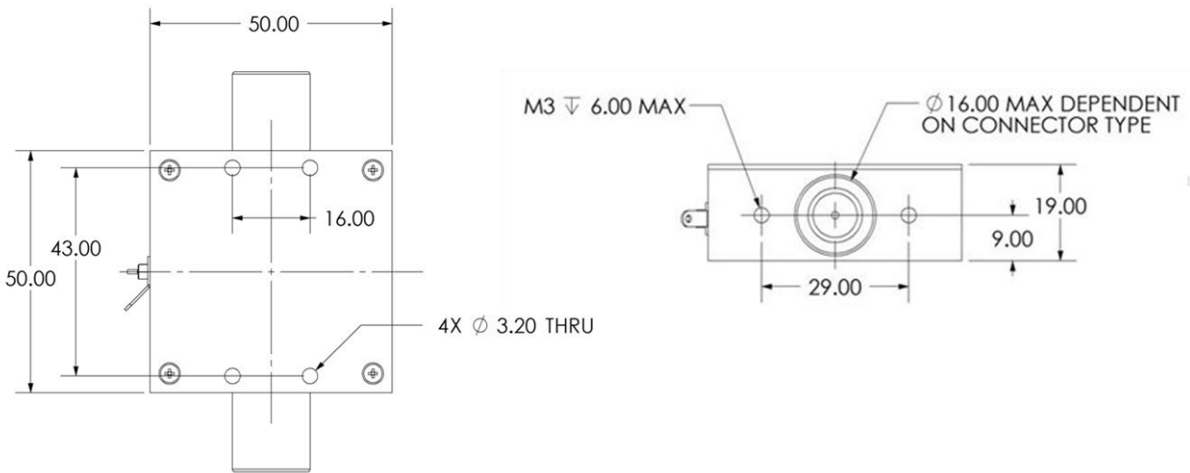
Technical specifications and operating parameters

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

Max Operating Parameters	
Input RF Power	20 dBm (100mW)
DC Voltage	48V
DC Current	5A Max total Current for 50 ohm connectors 2A Max for 75 ohm connectors

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

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.

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

