

## BIAS TEES

### FEATURES:

- ❖ Ultra WideBand
- ❖ Low VSWR
- ❖ Low Insertion Loss

### APPLICATIONS:

**Cernex's CBT series** are used, in combination with a Vector Network Analyzer and other instruments in measuring RF Characteristics, such as S-parameters of GaAs FET and other Microwave devices. The CBT series are also used to supply Power to a DUT such as GaAs FET or amplifiers that do not Have its own power supply circuit.



**CBT Series**

### SPECIFICATIONS:

Model Number	Frequency Range	Insertion Loss (dB) typ.	RF Power	VSWR Typ.	DC Current	Case Type (mm)
CBTV102U8	10MHz - 2.5GHz	0.8	10 W	1.5:1	2.5A	MK2
CBTV104U9	10MHz – 4GHz	0.9	10 W	1.5:1	2.5A	MK2
CBTV10601	10MHz – 6GHz	1.0	10 W	1.7:1	2.5A	MK2
CBTV11201	10MHz - 12GHz	1.2	5W	1.8:1	750mA	HN1
CBTV11401	10MHz - 14GHz	1.4	5W	2:1	750mA	HN1
CBTV11801	10MHz - 18GHz	1.6	5W	2:1	750mA	HN1
CBTH31201	30KHz – 12GHz	1.4	5W	2:1	200mA	HN1
CBTH31801	30KHz – 18GHz	1.8	5W	2:1	200mA	HN1
CBTH31401	30KHz – 14GHz	1.6	5W	2:1	200mA	HN1
CBTH511001	50KHz-110GHz	1.5	1W	-	400mA	46.3x39x13.6
CBTH72002	75KHz – 20GHz	2.0	5W	2:1	200mA	HN1
CBTH72202	75KHz – 22GHz	2.2	5W	2:1	200mA	HN1
CBTH74003	75KHz – 40GHz	3.0	5W	2.5:1	200mA	HN1
CBTH74503	75KHz – 45GHz	3.5	5W	2.5:1	200mA	HN1
CBTH75004	75KHz – 50GHz	4.0	5W	2.5:1	200mA	HN1
CBTH76005	75KHz – 60GHz	5.5	5W	2.5:1	200mA	HN1
CBTH76506	75KHz – 65GHz	6.0	5W	2.5:1	200mA	HN1

OTHER FREQUENCY BANDS ARE ALSO AVAILABLE.

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE.