

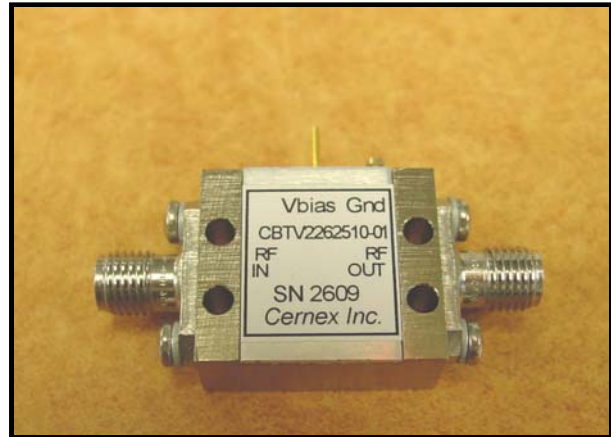
BIAS TEES

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 |
|--------------|-----------------|--------------------------|----------|-----------|------------|-----------|
| 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 |
| 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.