



**Model: BT-H250-LN**

|   |                       |
|---|-----------------------|
| Description:                            | Bias Tee              |
| Operating Frequency:                    | 250 – 2500 MHz        |
| Insertion Loss:                         | 0.3 dB Max            |
| Isolation DC to RF:                     | 65dB Min              |
| VSWR:                                   | 1.25:1 Max            |
| Bias Voltage:                           | 150 Volts Max         |
| Bias Current:                           | 5A Max                |
| Bias Frequency Bandwidth (1.5dB Cutoff) | DC-40 MHz             |
| Power Handling:                         | 150W CW               |
| Bias DC Resistance:                     | 0.1 Ohm Max           |
| RF Connector:                           | N (female)            |
| RF+DC Connector:                        | N (female)            |
| Bias Connector:                         | Solder Pin            |
| Impedance:                              | 50 Ohms Nominal       |
| Quality:                                | Best-Commercial-Grade |

**Environmental Ratings:**

|              |  |
|--------------|--|
| Temperature: | {Operating: -55°C to +95°C} & {Storage: -60°C to +110°C}           |
| Humidity:    | MIL-STD-202F, Method 103B, Cond. B (96 hours at 95% R.H.)          |
| Shock:       | MIL-STD-202F, Method 213B, Cond. B (75G, 6mSec)                    |
| Vibration:   | MIL-STD-202F, Method 204D, Cond. B (.06" double amplitude, or 15G) |
| Altitude:    | MIL-STD-202F, Method 105C, Cond. B (50,000 Feet)                   |
| Temp. Shock: | MIL-STD-202F, Method 107D, Cond. A (5 cycles)                      |

**Available Options:**

(Units with listed options here may be subject to some specification tradeoffs from the standard, consult factory)

■ **RF & RF+DC Connectors**

**B1** [RF port with N(M) connector] <> Model: BT-H250-LN-B1

**B2** [RF+DC port with N(M) connector] <> Model: BT-H250-LN-B2

**B3** [RF & RF+DC ports with N(M) connector] <> Model: BT-H250-LN-B3

