



Model: BT-1500-MS

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|---------------------------|-----------------------|
| Description: | Bias Tee |
| Operating Frequency: | 0.3 – 1.5 GHz |
| Insertion Loss: | 0.2 dB Max |
| Isolation DC to RF: | 40dB Min |
| VSWR: | 1.25:1 Max |
| Bias Voltage: | 100 Volts Max |
| Bias Current: | 2.5A Max |
| Bias Frequency Bandwidth: | DC - 3 MHz |
| Power Handling: | 40W CW/AVG |
| Bias DC Resistance: | 0.1 Ohm |
| RF Connector: | SMA (female) |
| RF+DC Connector: | SMA (female) |
| Bias Connector: | Solder Pin |
| Impedance: | 50 Ohms Nominal |
| Quality: | Best-Commercial-Grade |

Environmental Ratings:

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|--------------|--|
| 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 SMA(M) connector]
- B2** [RF+DC port with SMA(M) connector]
- B3** [RF & RF+DC ports with SMA(M) connector]

Outline

