



Model: BT-1500-MS

Description:	Bias Tee
Operating Frequency:.....	0.3 – 1.5 GHz
Insertion Loss:.....	0.3 dB Max
Isolation DC to RF:.....	40 dB Min
VSWR:	1.25:1 Max
Bias Voltage:.....	100 Volts Max
Bias Current:	2.5 A Max
Bias Frequency Bandwidth.....	DC - 3 MHz
Power Handling:.....	40 W CW/AVG
Bias DC Resistance:	0.1 Ω Max
RF Connector:.....	SMA (female)
RF+DC Connector:.....	SMA (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 SMA(M) connector] <> Model: **BT-15B1-MS**

B2 [RF+DC port with SMA(M) connector] <> Model: **BT-15B2-MS**

B3 [RF & RF+DC ports with SMA(M) connector] <> Model: **BT-15B3-MS**

Outline

