



Model: BT-G200-HS

Description:.....	Bias Tee
Operating Frequency:.....	200 MHz - 20 GHz
Insertion Loss:.....	0.8 dB Max
VSWR:.....	1.45:1 Max
Isolation DC to RF:.....	30dB Min
Bias Frequency Bandwidth (1dB).....	DC-10 MHz
RF Power:.....	10W Max
Bias Voltage:.....	50 Volts Max
Bias Current:.....	175 mA Max
Bias DC Resistance:.....	1.0 Ohms
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] <> IL=0.9dB; VSWR=1.5:1 <> Model: **BT-G2B1-HS**

B2 [RF+DC port with SMA(M) connector] <> IL=0.9dB; VSWR=1.5:1 <> Model: **BT-G2B2-HS**

B3 [RF & RF+DC ports with SMA(M) connector] <> IL=1.0dB; VSWR=1.55:1 <> Model: **BT-G2B3-HS**

Outline

