



Model: BT-PN00-HS

Description:.....	Bias Tee
Operating Frequency:.....	3.5 – 20 GHz
Insertion Loss:	0.5 dB Max
VSWR:	1.45:1 Max
Isolation DC to RF:	30dB Min
Bias Frequency Bandwidth (2dB Corner Band)	DC-80 MHz
RF Power:.....	25W Max
Bias Voltage:.....	100 Volts Max
Bias Current:.....	1A Max
Bias DC Resistance:.....	0.25 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=0.6dB; VSWR=1.55:1 <> Model: **BT-PNB1-HS**
- B2** [RF+DC port with SMA(M) connector] <> IL=0.6dB; VSWR=1.55:1 <> Model: **BT-PNB2-HS**
- B3** [RF & RF+DC ports with SMA(M) connector] <> IL=0.7dB; VSWR=1.6:1 <> Model: **BT-PNB3-HS**

Outline

