



Model: BT-PNSF-HS

Description:.....	Bias Tee
Operating Frequency:.....	3.5 – 20 GHz
Insertion Loss:.....	0.6 dB Max
VSWR:.....	1.6:1 Max
Isolation DC to RF:.....	25dB 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:.....	SMA (female)
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-PNSF-HS-B1**
- B2** [RF+DC port with SMA(M) connector] <> Model: **BT-PNSF-HS-B2**
- B3** [RF & RF+DC ports with SMA(M) connector] <> Model: **BT-PNSF-HS-B3**

Outline

