



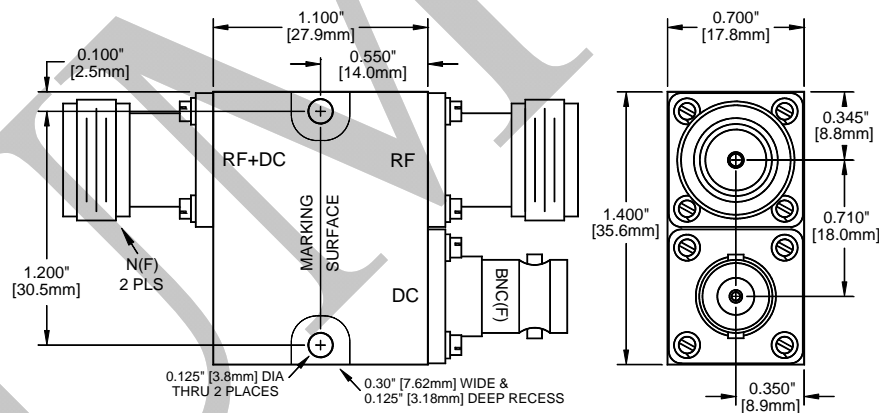
**Model: BD-150E-NB**

Description:.....	Bias-T Diplexer (noncontiguous)
RF Frequency Band ( RF+DC to RF ):..... (High-Band) .....	1200 – 4000 MHz
Insertion Loss ( RF+DC to RF ):.....	0.3 dB Max
VSWR ( RF+DC , RF , BIAS ): .....	1.3:1 Max
Cross Rejection (BIAS port to RF ports) .....	30 dB Min
Bias Voltage:.....	100 Volts Max
Bias Current:.....	3A Max
Bias DC Resistance:.....	0.1 Ohms
Bias Frequency Bandwidth (3dB corner):..... (Low-Band).....	DC-250MHz
Power Handling: .....	40W CW/AVG
RF Connector: .....	N (female)
RF+DC Connector: .....	N (female)
Bias Connector: .....	BNC (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)

**Outline**



Weight	Tolerances
2.8 oz [79.4g]	±0.015" [±0.38mm]