**Model: BC-D000-10S**

Description: 10dB Bi-Directional Coupler

Operating Frequency: 2 - 4 GHz

Coupling (reference to input): 10 ±1 dB Nominal

Coupling Flatness: ± 0.6 dB Max

Insertion Loss (including coupled power): 1.4 dB Max

Directivity: 18 dB Min

VSWR: Line 1.30:1 Max

Couple 1.35:1 Max

Power Handling: 10W AVG/CW <> 1KW Peak

Connectors: SMA (f)

Impedance: 50 Ohm

Quality: Best-Commercial-Grade

**Environmental Ratings:**

Temperature: -40°C to +85°C & -50°C to +100°C

Humidity: MIL-STD-202F, Method 103B, Cond. B (96 hours at 95% R.H.)


Vibration: MIL-STD-202F, Method 204D, Cond. B (.06" double amplitude, or 15G)

Altitude: MIL-STD-202F, Method 105C, Cond. B (50,000 Feet)


**Outline**

(“A” = 3.700” [94.0mm])

**Weight**

2.1 oz [59.5 g]

*Specifications are subject to change without notice*