**Model: BC-H000-16S**

Description: 16dB Bi-Directional Coupler

Operating Frequency: 3 - 6 GHz

Coupling (reference to input): 16 ± 1 dB Nominal

Coupling Flatness: ± 0.60 dB Max

Total Insertion Loss (including coupled power): 0.7 dB Max

Directivity: 17 dB Min

VSWR: 1.30:1 Max

Power Handling: 30W AVG/CW <> 1KW Peak

Connectors: SMA (f)

Impedance: 50 Ohm

Quality: Best-Commercial-Grade

**Environmental Ratings:**

Temperature: Operating: -40°C to +85°C & Storage: -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” = 2.900” [73.7mm])

**Dimensions:**

- A-0.080” [2.0mm]
- A-0.250” [6.35mm]
- 0.080” [2.0mm]
- 0.250” [6.35mm]

**Connectors:**

- IN
- OUT
- SMA(F)

**Tolerances:**

- 0.093” [2.4mm] DIA THRU, 2 PLACES
- 0.080” [2.0mm] DIA COUPLE (IN), COUPLE (OUT)

- Specifications are subject to change without notice