Model: BC-H000-6S

**Description:** 6dB Bi-Directional Coupler

**Operating Frequency:** 3 - 6 GHz

**Coupling (reference to input):** 6 ± 1 dB Nominal

**Coupling Flatness:** ± 0.60 dB Max

**Total Insertion Loss (including coupled power):** 3.0 dB Max

**Directivity:** 17 dB Min

**VSWR:** Line 1.35:1 Max  
Couple 1.40:1 Max

**Power Handling:** 4W 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)

**Outline**

(“A” = 2.900” [73.7mm])

- Specifications are subject to change without notice