



**Model: HC-C000-QS**

Description:.....	90° / 3dB Hybrid Coupler
Operating Frequency:.....	1 - 2 GHz
Coupling (Including Loss and Flatness): .....	3.1 ± 0.6 dB Max
Frequency Flatness: .....	± 0.5 dB Max
Isolation .....	22 dB Min
VSWR: .....	1.20:1 Max
Phase Error:.....	±2° Max
Power Handling: .....	AVG/CW: 50W Max
.....	Peak: 3KW Max
Connectors: .....	SMA (f)
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**  
**("A" = 2.250" [57.2mm])**

