Model: BC-M000-30S

Description: 30dB Bi-Directional Coupler

Operating Frequency: 4.5 – 13.5 GHz

Coupling (reference to input): 30 ± 1 dB Nominal

Frequency Sensitivity: ± 0.75 dB Max

Insertion Loss (including coupled power): 0.9 dB Max

Directivity: 11 dB Min

VSWR: 1.45:1 Max

Power Handling: 50W AVG/CW <> 1 KW 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" = 3.750 [95.3mm])