Model: BC-E000-10S

Description: 10dB Bi-Directional Coupler

Operating Frequency: 4 - 8 GHz

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

Coupling Flatness: ± 0.60 dB Max

Total Insertion Loss (including coupled power): 1.7 dB Max

Directivity: 15 dB Min

VSWR: Line 1.35:1 Max

Couple 1.40:1 Max

Power Handling: 10W 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” = 2.500” [63.5mm])

- Specifications are subject to change without notice