



Model: BC-E000-30S

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|---|------------------------------|
| Description:..... | 30 dB Bi-Directional Coupler |
| Operating Frequency:..... | 4 - 8 GHz |
| Coupling (reference to input):..... | 30 ± 1 dB Nominal |
| Coupling Flatness:..... | ± 0.70 dB Max |
| Total Insertion Loss (including coupled power):.. | 0.6 dB Max |
| Directivity: | 15 dB Min |
| VSWR: | Line..... 1.30:1 Max |
| | Couple..... 1.35:1 Max |
| Power Handling: | 50 W Cw/Avg Max |
| Connectors: | SMA (f) |
| Impedance:..... | 50 Ω Nominal |
| Quality:..... | Best-Commercial-Grade |

Environmental Ratings:

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|--------------------|--|
| 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.) |
| 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" = 2.500" [63.5mm])

