



**Model: BC-003A-20N**

Description:..... 20dB Bi-Directional-Coupler  
 Operating Frequency:..... 10 KHz - 30 MHz  
 Coupling (reference to input):..... 20 ± 1 dB Nominal  
 Coupling Flatness:..... ± 0.5 dB Max  
 Insertion Loss (including coupled power):

10 KHz-1 MHz	1 - 30 MHz
2.0 dB Max	2.5 dB Max

VSWR:..... Line..... 1.15:1 Max  
 ..... Couple..... 1.15:1 Max  
 Directivity:..... 20 dB Min  
 Power Handling:..... 2W CW / Peak  
 Connectors:..... N (f)  
 Impedance:..... 50 Ohms Nominal  
 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.)  
 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**

