



**Model: DC-1000-11S**

Description:..... Directional Coupler  
 Operating Frequency:..... 10-1000 MHz  
 Coupling (reference to input):..... 11 ± 1 dB Nominal  
 Coupling Flatness:..... ± 0.9 dB Max  
 Insertion Loss (including coupled power):..... 1.8 dB Max  
 VSWR:

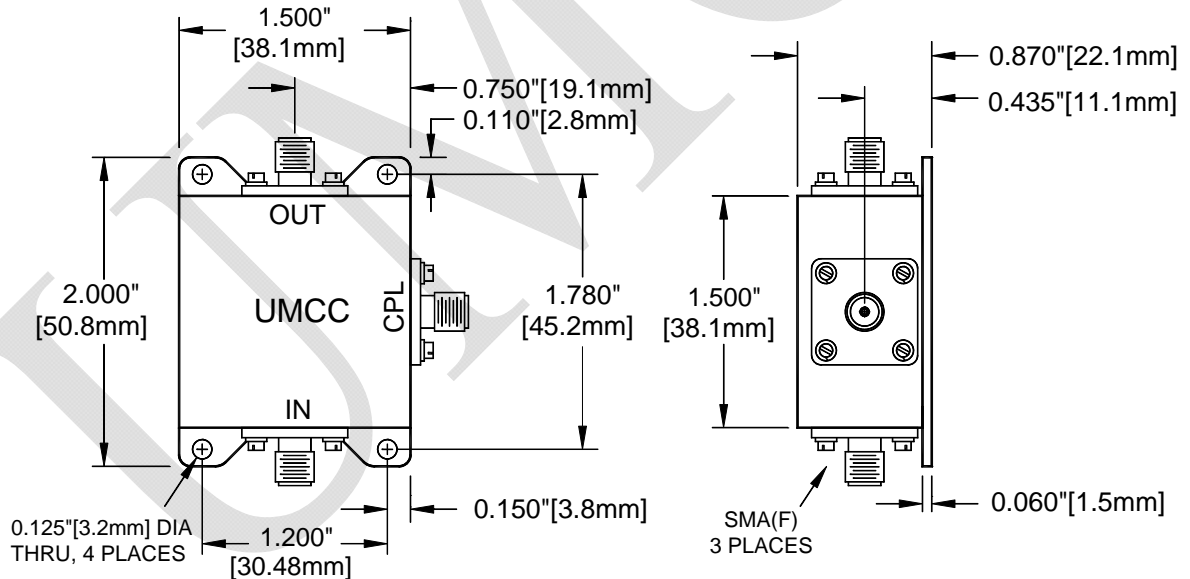
10-20 MHz	20-1000 MHz
1.7:1 Max	1.5:1 Max

Directivity:..... 17dB Min  
 Power Handling:..... 1W CW / Peak  
 Connectors:..... SMA (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**



<b>Weight</b>
2.1 oz [ 60 g]