



Model: DC-R000-16S

Description: Directional Coupler
Operating Frequency: 1-12 GHz
Coupling (reference to input): 16 ± 1 dB Nominal
Coupling Flatness: ± 0.75 dB Max
Insertion Loss (including coupled power): 0.8 dB Max
Directivity:

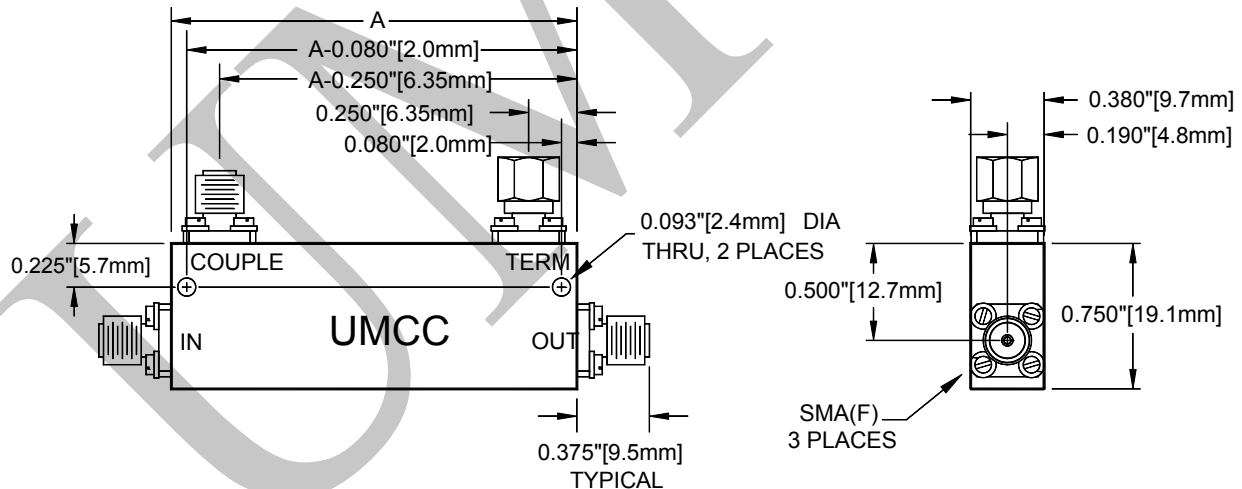
1 - 8 GHz	8 - 12 GHz
16 dB Min	13 dB Min

VSWR: Line 1.4:1 Max
..... Couple 1.4:1 Max
Power Handling: Incident @ Input 40W Cw/Avg Max
..... Incident @ Output 20W Cw/Avg Max
Connectors: SMA (f)
Impedance: 50 Ω 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 ("A" = 3.350" [85.1mm])



Weight	Tolerances
2.0 oz [56.7 g]	$\pm 0.015"$ [± 0.38 mm]