



Model: DC-S000-20S

Description:..... Directional Coupler
 Operating Frequency:..... 2 - 18 GHz
 Coupling (reference to input):..... 20 ± 1dB Nominal
 Coupling Flatness:..... ± 0.90 dB Max
 Insertion Loss (including coupled power):..... 0.75 dB Max
 Directivity:

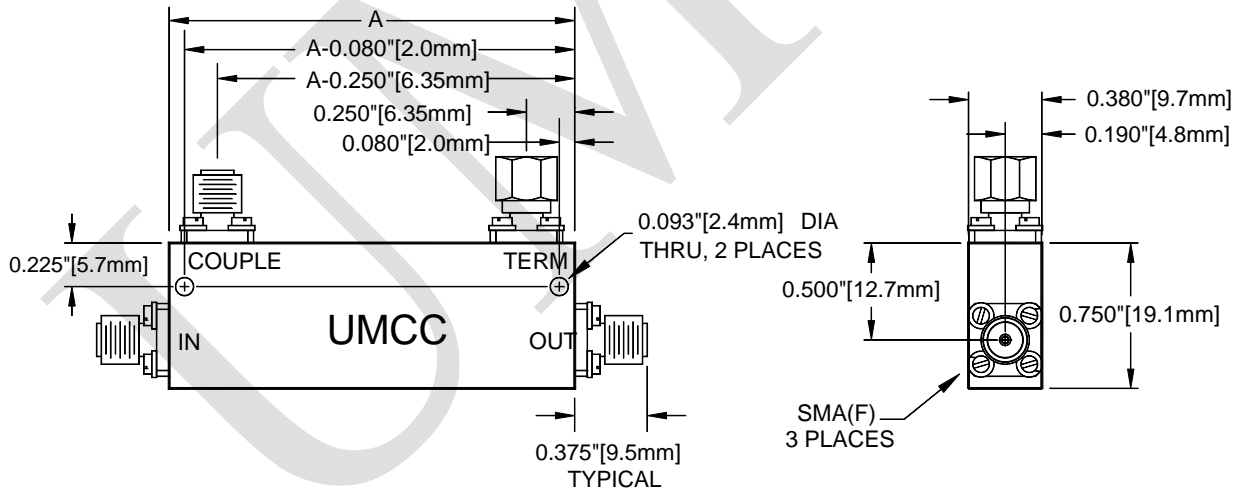
2 - 12 GHz	12 - 18 GHz
14dB Min	10dB Min

VSWR: Line..... 1.4:1 Max
 Couple 1.5:1 Max
 Power Handling: 50W Cw/Avg, 1KW 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
 ("A" = 2.180" [55.4mm])



Weight
1.5 oz [42.5 g]