



Model: PS-1000-8N

Description: 8-Way Power Divider
 Operating Frequency:..... 10– 1000 MHz
 Insertion Loss / Amplitude Balance / Phase Balance:

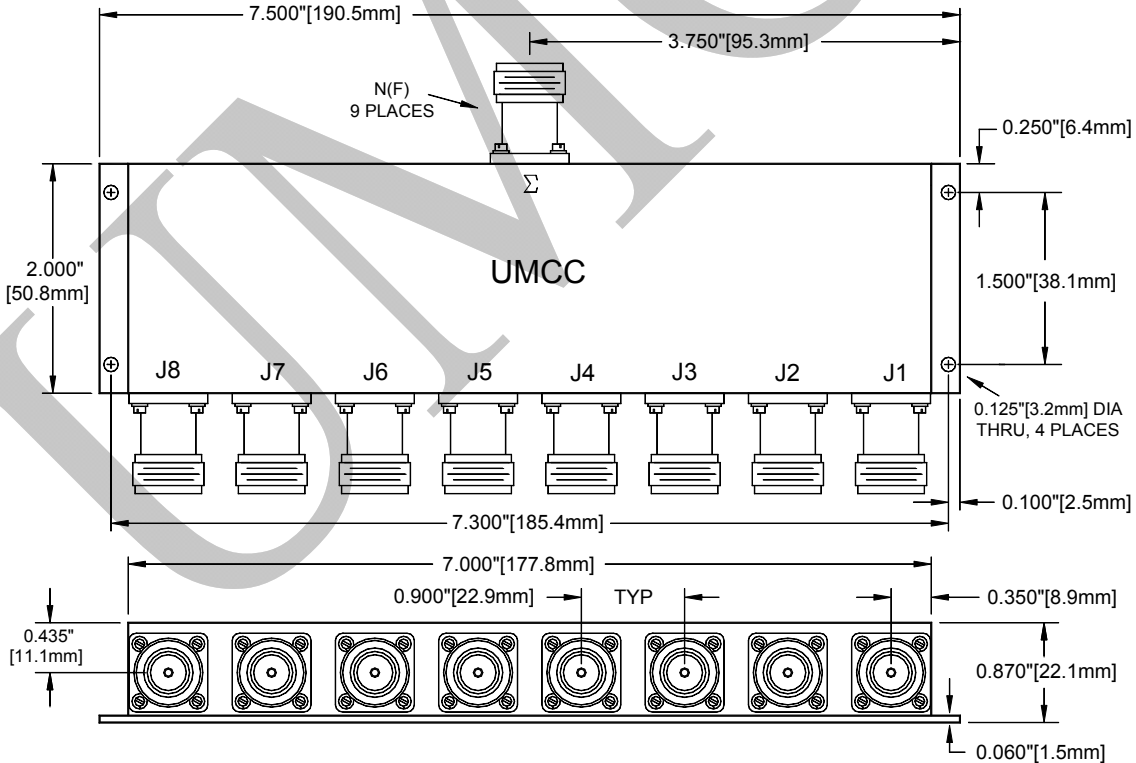
Frequency	Insertion Loss	Ampl. Bal	Phase Bal.
10-500 MHz	1.3 dB Max	±0.2 dB Max	±1° Max
500-1000 MHz	1.8 dB Max	±0.3 dB Max	±2° Max

VSWR: Sum Port..... 1.35:1 Max
 Output Ports..... 1.35:1 Max ; (1.45:1 Max over 10-20 MHz)
 Isolation:..... 23 dB Min
 Power Handling (@ SUM Port): Load VSWR=∞ 4W AVG/CW Max
 Load VSWR <2:1 10W AVG/CW Max
 Connectors: N (f)
 Impedance: 50 Ohms Nominal
 Quality: Best-Commercial-Grade

Environmental Ratings:

Temperature: {Operating: -55°C to +95°C} & {Storage: -60°C to +110°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



Weight	Tolerances
	±0.015" [±0.38mm]