



Model: PS-0500-8N

Description: 8-Way Power Divider
 Operating Frequency: 1– 500 MHz

Insertion Loss / Isolation / VSWR / Amplitude Balance / Phase Balance:

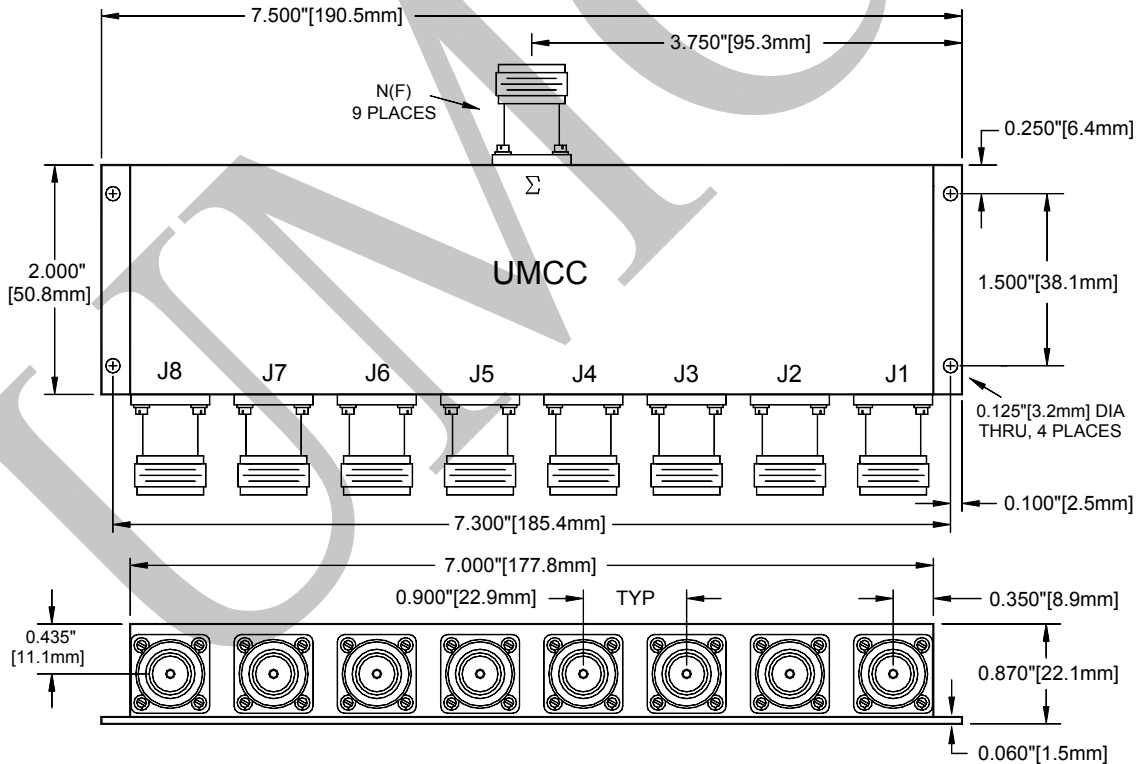
Frequency	Insertion Loss	Isolation	VSWR	Ampl. Bal.	Phase Bal.
1 - 500 MHz	2.0 dB Max	20 dB Min	1.30:1 Max (1.4:1 over 1-2 MHz)	±0.5 dB Max	±3°Max

Power Handling (@ SUM Port): Load VSWR=∞ 2W AVG/CW Max
 Load VSWR <2:1 8W 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]