



**Model: PS-0030-8S**

Description:..... 8-Way Power Divider

Operating Frequency:..... 10 KHz – 30 MHz

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

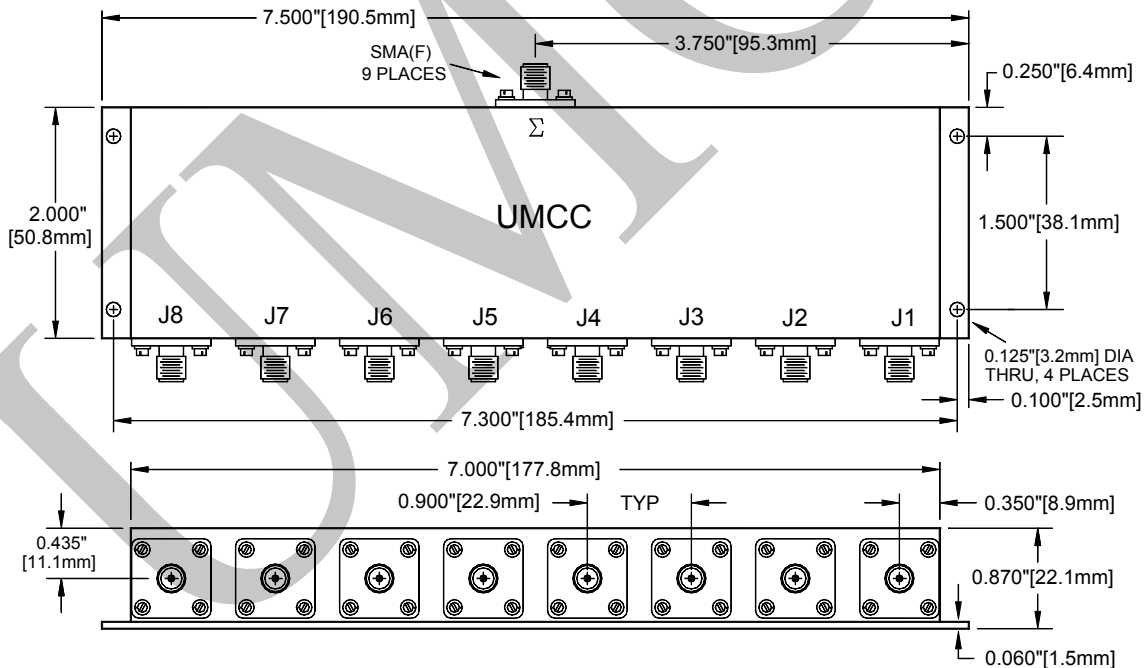
Frequency	Insertion Loss	Isolation	VSWR ( $\Sigma$ )	VSWR (out)	Ampl. Bal	Phase Bal.
10 - 20 KHz	0.8dB Max	28dB Min	1.5:1 Max	1.5:1 Max	±0.2 dB Max	±1°Max
0.02 - 10 MHz			1.3:1 Max	1.3:1 Max		
10 – 30 MHz	1.2dB Max	20dB Min				

Power Handling (@ SUM Port): ..... Load VSWR=∞ ..... 4W AVG/CW Max  
 ..... Load VSWR <2:1..... 10W AVG/CW Max  
 Connectors: ..... SMA (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
9.0 oz [ 280 g ]	±0.015" [±0.38mm]