



**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= $\infty$  ..... 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**

