



Model: PS-0500-8S

Description: 8-Way Power Divider

Operating Frequency: 1– 500 MHz

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

Frequency	Insertion Loss	Isolation	VSWR (Σ)	VSWR (out)	Ampl. Bal	Phase Bal.
1-250 MHz	1.8 dB Max	22 dB Min	1.25:1 Max	1.25:1 Max	± 0.3 dB Max	$\pm 1^\circ$ Max
250-500 MHz	2.4 dB Max	20 dB Min	1.30:1 Max	1.30:1 Max	± 0.5 dB Max	$\pm 2^\circ$ Max

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

