



**Model: PS-S000-8S**

Description:	8-Way Power Divider
Operating Frequency:	2 - 18 GHz
Insertion Loss:	2.8 dB Max
Isolation:	17 dB Min
VSWR:	$\Sigma$ Port 1.80:1 Max
	Outputs 1.55:1 Max
Amplitude Balance:	$\pm$ 1.0 dB Max
Phase Balance:	$\pm$ 7° Max
Power Handling (@ SUM Port):	Load VSWR= $\infty$ 1W 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**

