



**Model: PD-S000-6S**

Description:.....	6-Way Power Divider
Operating Frequency:.....	1.5 – 18.5 GHz
Insertion Loss:.....	3.0dB Max
Isolation:.....	16 dB Min
VSWR:.....	Sum Port..... 1.8:1 Max
	Output Ports..... 1.55:1 Max
Amplitude Balance:.....	± 0.5 dB Max
Phase Balance:.....	± 10 ° Max
Power Handling:.....	Matched Loads:..... 10W CW/AVG Max
	Unmatched Loads:..... 1W CW/AVG Max
Connectors:.....	SMA (f), Removable
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**  
 ("A"=3.000" [76.2mm])

