



Model: PS-3000-8N

Description: 8-Way Power Divider/Combiner
 Operating Frequency: 20-3000 MHz
 Insertion Loss / Isolation / VSWR / Amplitude Balance / Phase Balance:

Freq. (MHZ)	Insertion Loss	Isolation	VSWR (Σ)	VSWR (out)	Ampl. Bal	Phase Bal.
20-50	2.0 dB Max	18 dB Min	1.50:1 Max	1.70:1 Max	± 0.1 dB Max	$\pm 1^\circ$ Max
50-1000				± 0.2 dB Max	$\pm 3^\circ$ Max	
1000-2000	3.0 dB Max			1.50:1 Max	± 0.5 dB Max	$\pm 5^\circ$ Max
2000-3000	4.4 dB Max					

Power Handling (@ SUM Port): Load VSWR= ∞ 2W AVG/CW Max
 Load VSWR <2:1 8W AVG/CW Max
 Connectors: N (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

