



Model: PD-0500-5N

Description: 5-Way Power Divider

Operating Frequency: 10-500 MHz

Insertion Loss / Amplitude Balance / Phase Balance:

Frequency	Insertion Loss	Ampl. Bal	Phase Bal.
10-250 MHz	0.8 dB Max	±0.15 dB Max	±4° Max
250-500 MHz	1.4 dB Max	±0.35 dB Max	±7° Max

Isolation: 20 dB Min

VSWR: Σ Port 1.60:1 Max

..... Outputs 1.50:1 Max

Power Handling (@ Σ -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

