



Model: PD-1000-3N

Description: 3-Way Power Divider

Operating Frequency: 10-1000 MHz

Insertion Loss / Amplitude Balance / Phase Balance:

Frequency	Insertion Loss	Ampl. Bal.	Phase Bal.
10-500 MHz	1.1 dB Max	±0.1 dB Max	±1.5° Max
500-1000 MHz	1.5 dB Max	±0.2 dB Max	±3° Max

Isolation: 17dB Min

VSWR: Σ Port 1.65:1 Max (1.75:1 over 10-30MHz)

..... Outputs 1.5:1 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

