



**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: ..... 19dB Min  
 VSWR: ..... Σ Port..... 1.5:1 Max (1.65:1 over 10-30MHz)  
 ..... Outputs..... 1.5:1 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**

