



Model: PD-0500-3N

Description:..... 3-Way Power Divider

Operating Frequency:..... 1-500 MHz

Insertion Loss / Isolation / Amplitude Balance / Phase Balance:

Frequency	Insertion Loss	Isolation	Ampl. Bal.	Phase Bal.
1-200 MHz	0.8 dB Max	20 dB Min	±0.1 dB Max	±0.5° Max
200-500 MHz	1.2 dB Max		±0.2 dB Max	±1.5° Max

VSWR:..... Σ Port..... 1.35:1 Max

..... Outputs..... 1.35:1 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

