



Model: PD-1000-2N

Description: 2-Way Power Divider

Operating Frequency: 10 – 1000 MHz

Insertion Loss / Isolation / VSWR / Amplitude Balance / Phase Balance:

Frequency	Insertion Loss	Isolation	VSWR (Σ)	VSWR (out)	Ampl. Bal.	Phase Bal.
10 - 20 MHz	0.5dB Max	25dB Min	1.50:1 Max	1.50:1 Max	±0.05 dB Max	±0.25° Max
20 - 500 MHz	0.6dB Max		1.20:1 Max	1.25:1 Max		
500 -1000 MHz	0.9dB Max	22dB Min		1.30:1 Max	±0.1 dB Max	±0.5° Max

Power Handling (@ SUM-Port): Matched Loads: 8W AVG/CW Max

..... Unmatched Loads: 2W 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.)

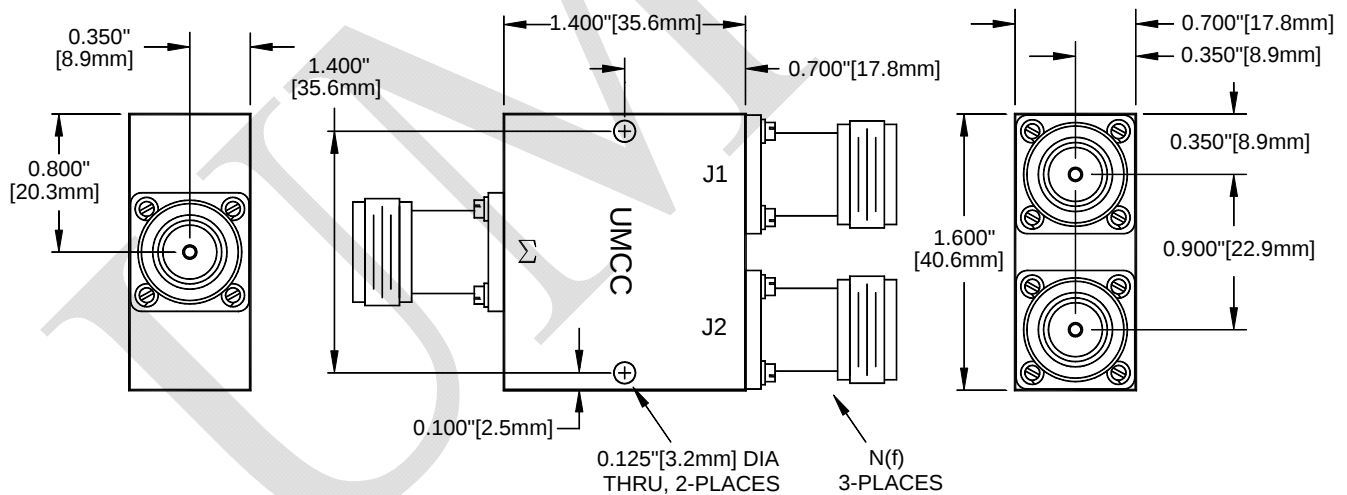
Shock: MIL-STD-202F, Method 213B, Cond. B (75G, 6mSec)

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



Weight

3.15 oz [89.3 g]