Universal Microwave Components Corp.
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Model: PD-1000-3N

Description:..... 3-Way Power Divider
Operating Frequency:..... 10-1000 MHz
Insertion Loss / Amplitude Balance / Phase Balance:

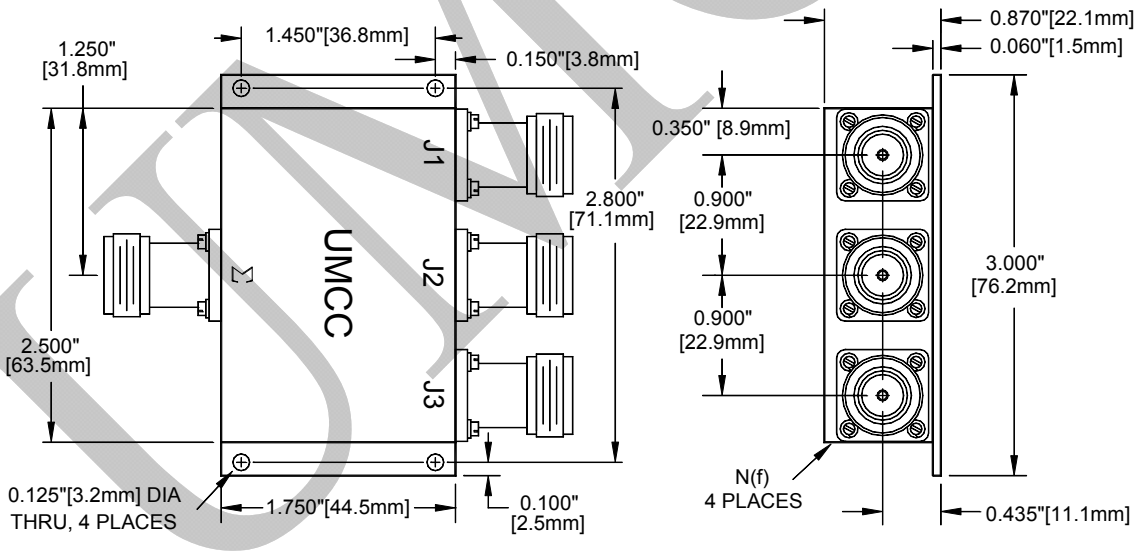
Frequency	Insertion Loss	Ampl. Bal.	Phase Bal.
10-500 MHz	1.1 dB Max	±0.1 dB Max	±1.5° Max
500-1000 MHz	1.5 dB Max	±0.2 dB Max	±3° Max

Isolation: ..... 19dB Min
VSWR: ..... Σ Port ..... 1.65:1 Max (1.75:1 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



Weight	Tolerances
	± 0.015" [± 0.38 mm]

- Specifications are subject to change without notice