

**Universal Microwave Components Corp.**5702-D General Washington Drive Alexandria, VA 22312 <> Web: www.umcc111.comE-mail: sales@umcc111.com <> Tel: (703) 642-6332 <> Fax: (703) 642-2568**Model: PD-0500-2B**

Description: 2-Way Power Divider

Operating Frequency: 1–500 MHz

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

Frequency	Insertion Loss	Isolation	VSWR (Σ)	VSWR (out)	Ampl. Bal.	Phase Bal.
1-250 MHz	0.4dB Max	22dB Min	1.20:1 Max	1.25:1 Max	± 0.15 dB Max	$\pm 1^\circ$ Max
250-500 MHz	1.0dB Max	20dB Min	1.40:1 Max	1.50:1 Max	± 0.2 dB Max	$\pm 2^\circ$ Max

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

..... Unmatched Loads: 2W AVG/CW Max

Connectors: BNC (f)

Impedance: 50 Ohms Nominal

Quality: Best-Commercial-Grade

Environmental Ratings:

Temperature: {Operating: -55°C to +95°C} & {Storage: -60°C to +110°C}

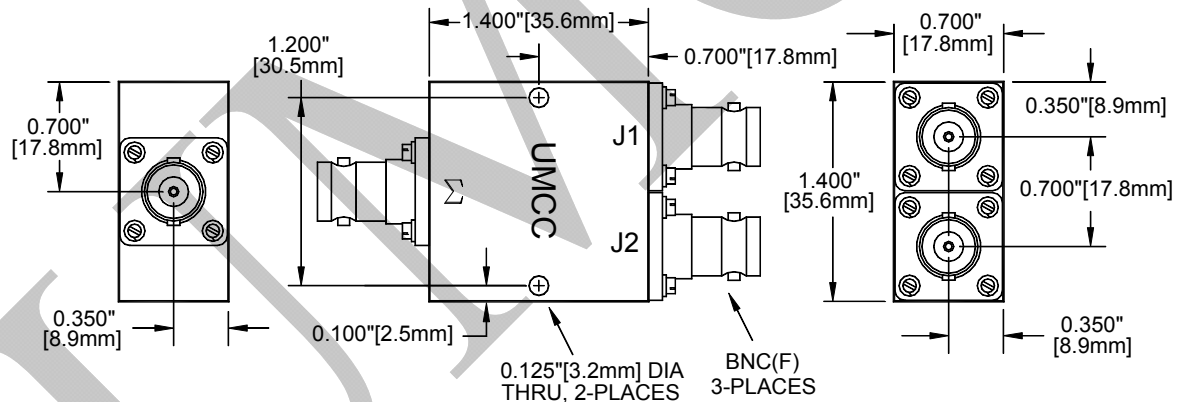
Humidity: MIL-STD-202F, Method 103B Cond. B (96 hours at 95% R.H.)

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**

2.2 oz [62.4 g]