



Model: PS-3000-8S

Description: 8-Way Power Divider/Combiner

Operating Frequency: 20-3000 MHz

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

| Freq. (MHZ) | Insertion Loss | Isolation | VSWR (Σ) | VSWR (out) | Ampl. Bal | Phase Bal. |
|-------------|----------------|-----------|-------------------|------------|-------------|------------|
| 20-50 | 2.0 dB Max | 20 dB Min | 1.50:1 Max | 1.60:1 Max | ±0.1 dB Max | ±1° Max |
| 50-1000 | | | | 1.50:1 Max | ±0.2 dB Max | ±3° Max |
| 1000-2000 | 3.0 dB Max | 18 dB Min | | | ±0.5 dB Max | ±5° Max |
| 2000-3000 | 4.4 dB Max | | | | | |

Power Handling (@ SUM Port): Load VSWR=∞ 2W AVG/CW Max

..... Load VSWR <2:1 8W AVG/CW Max

Connectors: SMA (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.)

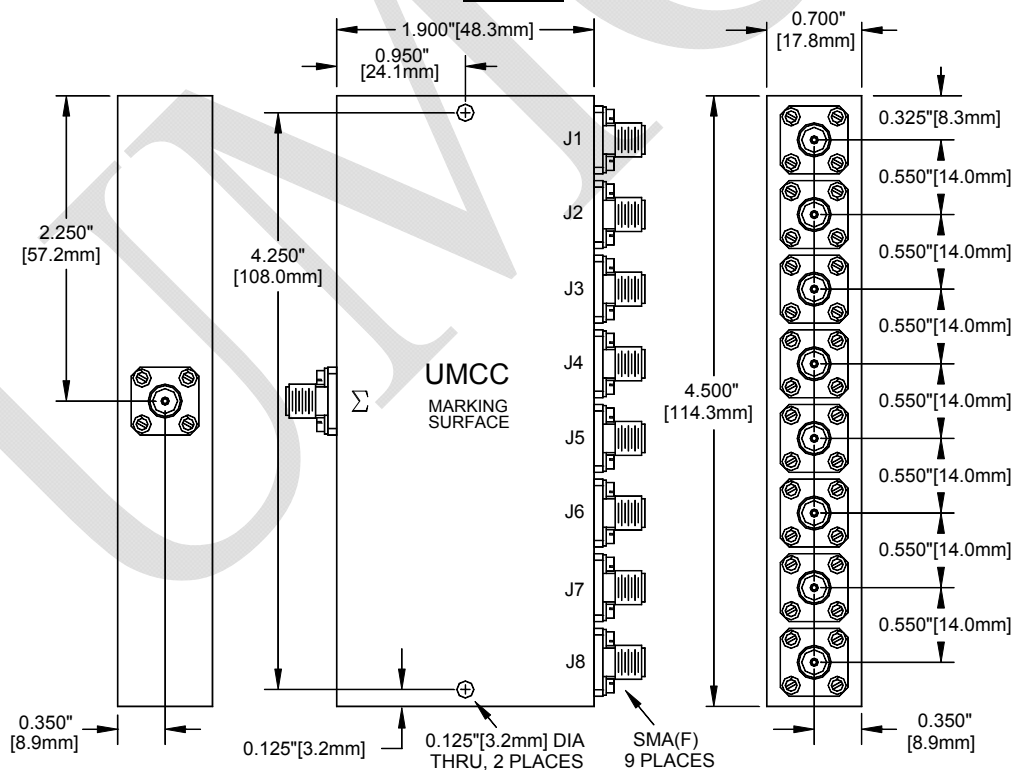
Shock: MIL-STD-202F, Method 213B, Cond. B (75G, 6mSec)

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
5.8 oz [164g]