



Description:	2-Way Power Divider
Operating Frequency:	0.85 - 4 GHz
Insertion Loss:	0.4 dB Max
Isolation:	23 dB Min
VSWR:	Sum Port..... 1.30:1 Max
	Output Ports 1.30:1 Max
Amplitude Balance:	± 0.2 dB Max
Phase Balance:	± 1° Max
Power Handling (@ SUM-Port):	Load VSWR=∞ 1W AVG/CW Max
	Load VSWR <2:1 10W AVG/CW Max
Impedance:	50 Ohms Nominal
Quality:	Best-Commercial-Grade

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)

The drawing shows the mechanical specifications for the UMCC component. The top view is a rectangle with overall dimensions of 4.100" [104.1mm] by 1.250" [31.8mm]. The internal cavity is 4.010" [101.9mm] wide and 1.160" [29.5mm] high. There are four mounting holes, each 0.104" [2.6mm] in diameter, spaced 0.090" [2.3mm] from the edges. Two SMA(F) connectors are located on the right side, with a center-to-center spacing of 0.500" [12.7mm]. The side view shows a total thickness of 0.625" [15.9mm] and a mounting flange thickness of 0.380" [9.7mm]. The flange has two circular features, each 0.375" [9.5mm] in diameter, spaced 0.190" [4.8mm] apart.

Top View Dimensions:

- Overall Width: 4.100" [104.1mm]
- Overall Height: 1.250" [31.8mm]
- Internal Width: 4.010" [101.9mm]
- Internal Height: 1.160" [29.5mm]
- Mounting Hole Diameter: 0.104" [2.6mm] DIA THRU. 4 PLACES
- Mounting Hole Spacing: 0.090" [2.3mm]
- SMA(F) Connector Spacing: 0.500" [12.7mm]
- SMA(F) Connector Diameter: 0.375" [9.5mm]
- SMA(F) Connector Mounting Flange Thickness: 0.380" [9.7mm]
- SMA(F) Connector Mounting Flange Spacing: 0.190" [4.8mm]

Side View Dimensions:

- Overall Thickness: 0.625" [15.9mm]
- Mounting Flange Thickness: 0.380" [9.7mm]
- Mounting Flange Spacing: 0.190" [4.8mm]

Labels:

- UMCC
- J1
- J2
- SMA(F), 3 PLACES

- Specifications are subject to change without notice