



Model RMC010.2000-8000Sf

10dB Directional Coupler SMA female

Frequency	Coupling	Unbalance	VSWR	Insertion Loss	Directivity
2- 8GHz	10dB+/-1	+/-0.5dBmax	1.25:1	0.4dBmax	20dBmin

- Input and output impedance: 50 Ohms
- Connector: SMA female 3 places, termination 1 place
- Power: Forward/Reverse ≤ 50 W, peak ≤ 3 K W
- Case material: Aluminum alloy with black paint
- Operation temperature: -55C to +85C deg
- Specify desired coupling value at "xx"

Technical drawing of a 100-watt, 500-ohm resistor, showing top and side views with dimensions in inches and millimeters.

Top View Dimensions:

- Overall width: 11 [433]
- Distance from left edge to center of first hole: 10 [394]
- Distance between center of first hole and center of second hole: 7 [276]
- Distance from center of second hole to right edge: 17 [669]
- Distance from left edge to center of first hole: 6.5 [256]
- Distance from center of first hole to center of second hole: 20 [787]
- Distance from center of second hole to right edge: 43 [1693]
- Distance from left edge to center of first hole: 2.5 [098]
- Distance from center of first hole to center of second hole: 2.8 [111]
- Distance from center of second hole to right edge: 2.5 [098]

Side View Dimensions:

- Overall height: 11 [433]
- Distance from top edge to center of first hole: 10 [394]
- Distance between center of first hole and center of second hole: 7 [276]
- Distance from center of second hole to bottom edge: 17 [669]
- Distance from top edge to center of first hole: 6.5 [256]
- Distance from center of first hole to center of second hole: 20 [787]
- Distance from center of second hole to bottom edge: 43 [1693]
- Distance from top edge to center of first hole: 2.5 [098]
- Distance from center of first hole to center of second hole: 2.8 [111]
- Distance from center of second hole to bottom edge: 2.5 [098]

Notes:

- M2X5 DEEP (4) PLACES
- TYPE SMA FEMALE PER MIL-C-39012 (3) PLACES
- LOAD
- Ø2.8 THRU (2) PLACES

Telephone: 978-772-3767

Fax: 978-772-3768

www.responsemicrowave.com