

Fixed Attenuators High Power



MDI's high power attenuators combine maximum cooling efficiency along with excellent frequency and accuracy characteristics. Various attenuation values are offered at all power levels. Consult us for power levels and attenuation values that are not listed.

SPECIFICATIONS

MODELS

	MA-5100	MA-5250	MA-5500	MA-51000	MA-51500	MA-52000
Frequency (GHz)	DC-2.4	DC-2.4	DC-2.4	DC-2.4	DC-0.5	DC-0.5
Impedance (Ohms)	50	50	50	50	50	50
Attenuation value	3-40 dB in 1 dB steps	3-40 dB in 1 dB steps	3-40 dB in 1 dB steps	3-40 dB in 1 dB steps	3-40 dB in 1 dB steps	3-30 dB in 1 dB steps
Accuracy (greater of)	-0.5 dB or 3%	-0.5 dB or 3%	-0.5 dB or 3%	-0.5 dB or 3%	-0.5 dB or 3%	-0.5 dB or 3%
VSWR (DC-0.5 GHz)	1.2:1	1.2:1	1.2:1	1.2:1	1.25:1	1.25:1
(0.5-1 GHz)	1.2:1	1.2:1	1.2:1	1.25:1	—	—
(1-2.4 GHz)	1.25:1	1.25:1	1.25:1	1.35:1	—	—
Input power (Watts)	100	250	500	1,000	1,500	2,000
Connectors	N, 7/16	N, 7/16	N, 7/16	N, 7/16	N, 7/16	N, 7/16
Weight (pounds)	4	6.5	15	17	26	25
Dimensions (inches) (L, W, H)	6 ³ / ₄ x 4 ¹ / ₄ x 4 ¹ / ₄	10 ¹ / ₂ x 4 ¹ / ₄ x 4 ¹ / ₄	16 x 6 ¹ / ₂ x 6	16 x 6 ¹ / ₂ x 6	21 ³ / ₄ x 6 ¹ / ₂ x 6 ¹ / ₂	17 x 13 x 6 ¹ / ₂

Note: Consult factory for custom power levels between standard levels shown above.

Ordering information

