



**Model AF Series  
Attenuators, Fixed**

AR offers a variety of fixed attenuators for use in Radiated and Conducted Immunity Testing. The table below lists the different attenuators offered and the specifications for each item.

The export classification for this equipment is EAR99. These commodities, technology or software are controlled for export in accordance with the U.S. Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

Model	Attenuation	Power Rating	Frequency Range	Max VSWR	Connectors	Size	Weight
AF03150	3dB ±1dB	150W Avg (Unidirectional)	DC–2.5GHz 50 ohm	1.20	Input: N female Output: N female	10.44 x 13.69 cm 4.11 x 5.39 in	0.850 kg 30 oz
AF06100	6dB ±1.25dB	100W Avg (Unidirectional)	DC–4GHz 50 ohm	1.20	Input: N female Output: N female	7.54 x 7.62 cm 2.97 x 3.00 in	0.51 kg 18 oz
AF06150	6dB ±1dB	150W Avg (Unidirectional)	DC–2.5GHz 50 ohm	1.20	Input: N female Output: N female	10.44 x 13.69 cm 4.11 x 5.39 in	0.850 kg 30 oz
AF06250	6dB ±1.50dB	250W Avg (Unidirectional)	DC–6GHz 50 ohm	1.25	Input: N male Output: N female	7.85 x 19.8 cm 3.09 x 7.8 in	1.59 kg 3 lb. 5 oz
AF10025	10dB ±0.5dB	25W Avg (Bi-directional)	DC–18GHz 50 ohm	1.35	Input: N male Output: N female	8.89 x 4.11 cm 3.50 x 1.62 in	0.11 kg 4 oz
AF10050	10dB ±0.75dB	50W Avg (Bi-directional)	DC–8.5GHz 50 ohm	1.30	Input: N male Output: N female	11.20 x 3.88 cm 4.40 x 1.53 in	0.28kg 10 oz
AF10250	10dB ±1.50dB	250W Avg (Unidirectional)	DC–6GHz 50 ohm	1.25	Input: N male Output: N female	7.85 x 19.8 cm 3.09 x 7.8 in	1.59 kg 3 lb. 5 oz
AF20250	20dB ±1.50dB	250W Avg (Unidirectional)	DC–6GHz 50 ohm	1.25	Input: N male Output: N female	7.85 x 19.8 cm 3.09 x 7.8 in	1.59 kg 3 lb. 5 oz
AF30250	30dB ±1.75dB	250W Avg (Unidirectional)	DC–6GHz 50 ohm	1.25	Input: N male Output: N female	7.85 x 19.8 cm 3.09 x 7.8 in	1.59 kg 3 lb. 5 oz
AF40250	40dB ±1.75dB	250W Avg (Unidirectional)	DC–6GHz 50 ohm	1.25	Input: N male Output: N female	7.85 x 19.8 cm 3.09 x 7.8 in	1.59 kg 3 lb. 5 oz
AF20025	20dB ±0.6dB	25W Avg (Bi-directional)	DC–8.5GHz 50 ohm	1.30	Input: N male Output: N female	8.23 x 3.88 cm 3.24 x 1.53 in	0.17 kg 6 oz
AF20050	20dB ±0.75dB	50W Avg (Bi-directional)	DC–8.5GHz 50 ohm	1.30	Input: N male Output: N female	11.20 x 3.88 cm 4.40 x 1.53 in	0.28kg 10 oz
AF20150	20dB ±0.75dB	150W Avg (Bi-directional)	DC–8.5GHz 50 ohm	1.35	Input: N male Output: N female	13.71 x 7.62 cm 5.40 x 3.00 in	1.45 kg 3 lb, 3 oz
AF061000	6dB -.6/+1.2dB	1000W Avg (Unidirectional)	DC–2.4GHz 50 ohm	1.25	Input: N female Output: N female	31.75 x 32.39 x 24.38cm 12.5 x 12.75 x 9.6 in	12.05 kg 26 lb, 8 oz