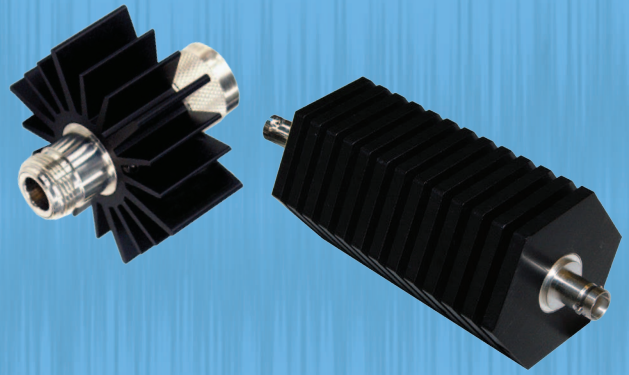




Convection Cooled Attenuators



The RF Experts

Self cooling design, needs no cooling plate.
 Frequencies up to 18 GHz.
 Fully shielded against production of extraneous radiation.
 Attenuator require no AC power.

- Rugged construction.
- Broadband operation.
- Other attenuation values available upon request.
- Models to cover all LTE frequencies.

Coolant Method	Dr
Impedance	50
Operating Position	Any
Ambient Temperature	-
PIM	-
AC Power	No
Humidity	95%
Standard Attenuation Values	3,

	Power Rating	Connector	VSWR & Frequency Range	Dimensions (LxWxH)	Weight	Finish
2-A	2	B	1.	2. 61	3. 88	T
2-A	2	S	1. 1.	0. 23	1. 34	S
2-6A	2	N	1.	46	2. 71	
2-18A	2	S	1. 1. 1.	1. 46	2. 71	
3-A	3	B	1. 1.	1. 39	3. 88	T
5-A	5	B	1. 1.	2. 67	3. 88	S
5-6A	5	N	1.	61	3. 86	
5-18A	5	S	1. 1.	2. 64	3. 100	
10-A	10	S	1.	2. 72	5. 142	B Al
10-6A	10	S		64	3. 100	S
10-18A	10	N	1. 1. 1.	2. 64	3. 100	
25-A	25	S N,	1. 1.	5. 135	9. 256	
25-6A	25	N	1.	107	13. 383	S
25-18A	25	N	1. 1. 1.	4. 107	13. 383	

Convection Cooled Attenuators

MODEL NOMENCLATURE

Power Rating (Watts)	Product Type A, SA, WA – Attenuator	Connector Gender M/F – Male/Female F/F – Female/ Female	Connectors** A - SMA B - BNC N - N T - TNC E - IEC 7/16	Attenuation Value in dB 03 – 3 dB 06 – 6 dB 10 – 10 dB 20 – 20 dB 30 – 30 dB
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**Call for custom connector options not shown in this catalog

	Power Rating	Connector	VSWR & Frequency Range	Dimensions (LxWxH)	Weight	Finish
50-A	50 W	SMA, BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3.0 GHz	6.4" x 2.3" Dia. 163 x 59 Dia. mm	1.0 lbs. 454 g	Black Anodized Aluminum
50-6A	50 W	N	1.20:1 from DC to 6 GHz	4.7" x 3.0" x 3.0" 120 x 77 x 77 mm	1.7 lbs. 772 g	Stainless Steel
50-18A	50 W	N	1.25:1 from DC to 6 GHz 1.35:1 from 6 to 12.4 GHz 1.45:1 from 12.4 to 18 GHz	4.7" x 3.0" x 3.0" 120 x 77 x 77 mm	1.7 lbs. 772 g	
75-A	75 W	SMA, BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3.0 GHz	7.3" x 2.3" Dia. 186 x 59 Dia. mm	1.6 lbs. 726 g	Black Anodized Aluminum
100-A	100 W	SMA, BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3.0 GHz	7.3" x 2.6" x 6.4" 186 x 67 x 163 mm	3.6 lbs.	Stainless Steel
100-6A	100 W	N	1.20:1 from DC to 2 GHz 1.35:1 from 2 to 4 GHz 1.40:1 from 4 to 6 GHz	6.4" x 2.7" x 3.8" 163 x 69 x 97 mm	2.4 lbs. 1.7 kg	
100-SA	100 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 2.4 GHz	8.4" x 2.8" x 2.8" 214 x 72 x 72 mm	3.0 lbs. 1.4 kg	Black Anodized Aluminum
150-A	150 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3.0 GHz	6.7" x 2.6" x 11.9" 171 x 67 x 303 mm	6.6 lbs. 3.0 kg	
150-SA	150 W	SMA, BNC, 7/16 DIN, N	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 2.4 GHz	9.1" x 4.0" x 5.0" 232 x 102 x 127 mm	5.5 lbs. 2.5 kg	
150-WA	150 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 2.4 GHz	5.6" x 5.4" x 4.3" 143 x 138 x 110 mm	2.5 lbs. 1.2 kg	
300-A	300 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 2.4 GHz	7.3" x 5.4" x 10.9" 186 x 138 x 277 mm	12.0 lbs. 5.5 kg	
300-WA	300 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 2.4 GHz	9.0" x 5.4" x 4.8" 229 x 138 x 122 mm	4.6 lbs. 2.1 kg	
500-WA	500 W	7/16 DIN, N	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 2.4 GHz	12.4" x 5.4" x 4.8" 315 x 138 x 122 mm	7.9 lbs. 3.6 kg	
600-A	600 W	7/16 DIN, N	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 2.4 GHz	12.7" x 9.4" x 9.6" 323 x 239 x 244 mm	21.5 lbs. 9.8 kg	
1000-A***	1000W	7/16 DIN, N	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 2.4 GHz	13.6" x 12.8" x 9.6" 346 x 326 x 244 mm	26.5 lbs. 12.0 kg	
1000-WA***	1000 W	7/16 DIN, N	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 2.4 GHz	19.6" x 10.6" x 4.8" 498 x 270 x 122 mm	26.5 lbs. 12.0 kg	
1500-WA***	1500 W	7/16 DIN, N	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 2.4 GHz	20.4" x 10.7" x 5.9" 519 x 272 x 150 mm	30.0 lbs. 13.6 kg	

***Note: attenuators 1000 W and above are not available in attenuation values less than 10 dB

