

FIXED ATTENUATORS

DC-4 GHz 5-75W

SERIES A8000N

GENERAL INFORMATION:

These attenuators incorporate a high power "T-pad" carbon film resistive element design to dissipate high peak and average R.F. power. Fins are provided to convection cool the 10W through 75W attenuators.

GENERAL SPECIFICATIONS:

Frequency Range:	DC-4 GHz (A8100N, A8200N, A8400N) DC-2 GHz (A8600N)
Impedance:	50 ohms nominal
Max. VSWR:	1.25 max.
Connectors:	Type N m/f, Silver per QQ-S-365
Body:	A8100 Silver A8200, A8400, A8600 Black Anodized
Temperature Range:	-55°C to +125°C
Peak Power:	3 KW max. at +70°C
Reverse Power Rating:	5 Watts for values 6 dB and over (Units up to 6 dB are Bi-directional)

MAXIMUM AVERAGE INPUT POWER (WATTS)

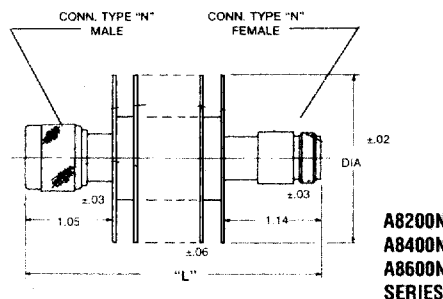
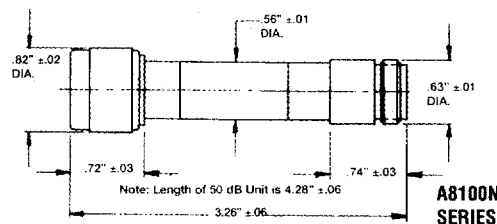
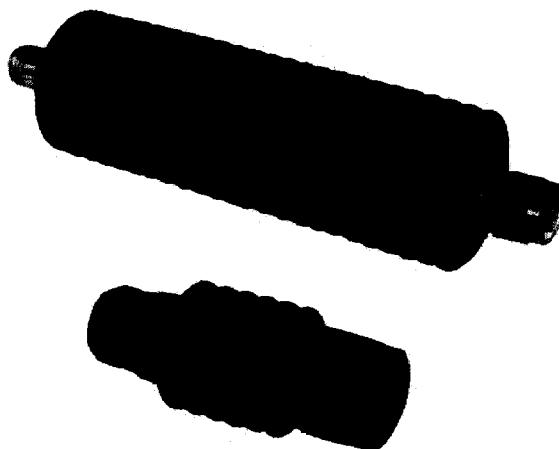
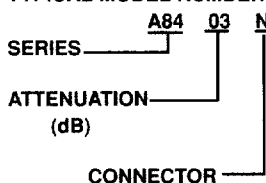
Temp. °C	A8100	A8200	A8400	A8600
-55 to +70°	5W	10W	25W	75W

Models A8100-A8200 series are bi-directional.

ATTENUATION ACCURACY (±dB)

Attenuation dB	A8100/8200		A8400		A8600
	DC-2 GHz	2-4 GHz	DC-2 GHz	2-4 GHz	DC-2GHz
3	0.4	0.5	0.4	0.5	0.4
6	0.5	0.6	0.5	0.6	0.5
10	0.6	0.8	0.6	0.8	0.6
20	0.8	1.0	0.8	1.0	0.8
30	0.8	1.3	0.8	1.3	1.0

TYPICAL MODEL NUMBER



MECHANICAL OUTLINE

Attenuation dB		A8200	A8400	A8600
L	3-6	3.26	4.28	6.63
	10-20	3.26	5.32	8.18
D	3-20	1.00	1.00	2.00

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