

**FIXED
ATTENUATORS**
DC-4 GHz 5-25W

SERIES A8000

GENERAL INFORMATION:

The attenuator incorporates 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 25W attenuators.

GENERAL SPECIFICATIONS:

Frequency Range: DC-4 GHz
Impedance: 50 ohms nominal
Max. VSWR: 1.25 SMA or Type N
 1.35 BNC or TNC
Finish; Conn: Silver per QQ-S-365
 SMA—Pass. ST.STL., MIL-C-39012
Body: A8100 Silver
 A8200, A8300, A8400 Black Anodized
Temperature Range: -55°C +125°C
Peak Power: 3 KW max.
Reverse Power Rating: 5 Watts for values 6 dB and over
 (Units up to 6 dB are Bi-directional)

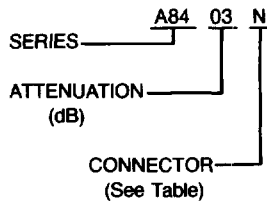
MAXIMUM AVERAGE INPUT POWER (WATTS)

Temp. °C	Model*			
	A8100	A8200	A8300	A8400
-55 to +70°	5.0W	10W	15W	25W

*Specify Connector Type Per Table
 Models A8100-A8200 series are bi-directional.

	Accuracy (± dB)			
	A8100/8200		A8300/A8400	
	DC-2 GHz	2-4 GHz	DC-2 GHz	2-4 GHz
3	0.3	0.5	0.3	0.5
6	0.3	0.6	0.5	0.6
10	0.4	0.8	0.6	0.8
20	0.5	1.0	0.8	1.0
30	0.8	1.3	0.8	1.3
50	1.0	1.5	1.0	1.5

TYPICAL MODEL NUMBER



Sex	Connector Type (Last Character of Model No.)			
	SMA	N	TNC	BNC
M/F	M	N	T	B
F/F	MF	NF	TF	BF
M/M	MM	NM	TM	BM

