

HIGH POWER, FIXED ATTENUATORS DC-2 GHz DC-4 GHz 50-75W

GENERAL INFORMATION:

The A8500 Series is designed to absorb 50 watts input power when mounted to a heat sink providing conduction cooling at a maximum heat sink of 70°C.

The A8600 Series provides fins for convection cooling of up to 75 watts of input power.

GENERAL SPECIFICATIONS:

Frequency Range:	DC to 4 GHz, A8500 Series DC to 2 GHz, A8600 Series
Impedance:	50 ohms nominal
Finish; Conn.	Silver per QQ-S-365
Body:	Black Anodize
Max. VSWR:	1.25 SMA or Type N 1.35 TNC or BNC
Temperature Range:	-55°C to +125°C
Max. Peak Power:	3 KW
Max. Reverse Power:	5 Watts Average, 6 dB or higher Attenuation values of 1-5 dB are bidirectional

Maximum Average Input Power	Temp. °C	A8500 (WCW)	A8600/A8700 (WCW)
	-55 to +70°C	50	75

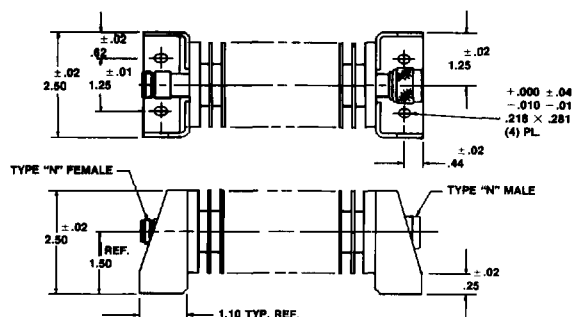
Attenuation (dB)	Accuracy (±dB)		Model Type*	
	DC-2 GHz	2-4 GHz	50 Watts	75 Watts DC-2 GHz Max.
1	0.2	0.4	A8501	A8601/A8701
2	0.2	0.4	A8502	A8602/A8702
3	0.4	0.5	A8503	A8603/A8703
6	0.4	0.6	A8506	A8606/A8706
10	0.6	0.6	A8510	A8610/A8710
20	0.8	1.0	A8520	A8620/A8720
30	1.0	1.4	A8530	A8630/A8730

*Add letter suffix for connector type per table.

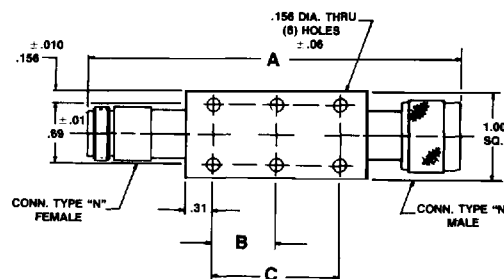
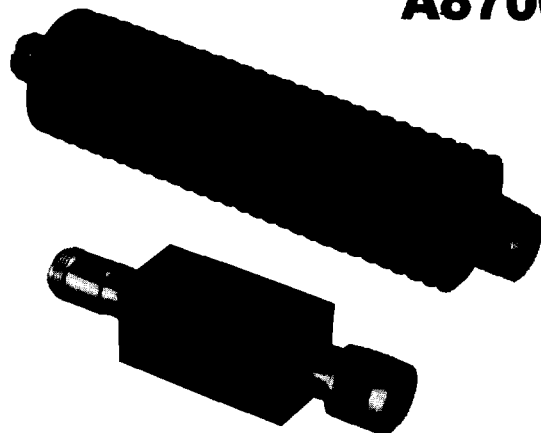
Sex	Connector Type			
	SMA	N	TNC	BNC
M/F	M	N	T	B
F/F	MF	NF	TF	BF
M/M	MM	NM	TM	BM

A8700 SERIES—75 WATTS

(SAME AS A8600 SERIES PLUS MOUNTING FLANGES)

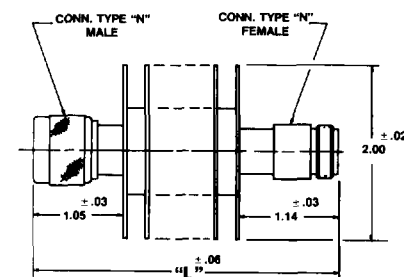


SERIES A8500 A8600 A8700



A8500 SERIES Dimensions

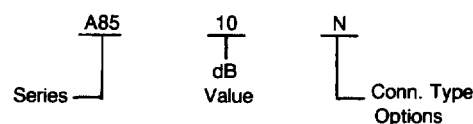
Value	A	B	C
1-6 dB	4.28	.73	1.46
7-30 dB	5.32	1.25	2.50



A8600 SERIES Dimensions

P/N	L	P/N	L
A8601N	3.52	A8610N	8.15
A8602N	3.52	A8620N	8.15
A8603N	6.61	A8630N	8.15
A8606N	6.61		

TYPICAL MODEL NUMBER



**KDI/triangle
ELECTRONICS**

31 Farinella Drive • East Hanover, NJ 07936 • Phone: (201) 884-1423
TWX: (710) 986-8202 • FAX: (201) 884-0445