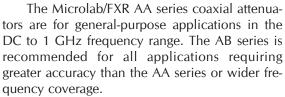


MICROLAB/FXR Fixed Attenuators

General Purpose, Low Cost Pads DC to 1.0 GHz

- **♦** Wide Range of Standard Values
- **♦** Miniaturized Package
- **♦** Integral Matching Structures
- ♦ High Reliability
- **♦** 2 4 Watt Average Power Rating
- ♦ N, BNC or TNC Connectors Standard



The AA series attenuators are constructed of resistive elements in a conventional p-type circuit. They are bi-directional, exceptionally rugged, and negligibly affected by normal ambient temperature and humidity changes.

AA series attenuators are available to order with special attenuation values, VSWR, power ratings, connector series, and connector polarities to meet your exact specifications. (8/02)



Frequency Range: DC to 1.0 GHz

VSWR: 1.30:1 max. (values 1 to 6 dB)

1.25:1 max. (values > 6 dB)

Peak Power: 2 kW max. Impedance: 50Ω nominal

Temperature Range: -55°C to +125°C

Coefficient: 0.0001 dB/dB/°C

Connector Finish: Silver plate per QQ-S-365

Connector Series Suffix		Typical Part No.	Physical Differences Length Weight in. (mm) oz. (g)	
N	N	AA-01N	Reference	Reference
BNC	В	AA-01B	None	-1.3 (-37)
TNC	T	AA-01T	None	-1.2 (-34)

Attenuation dB	Accuracy dB Max. In band 0 -1.0 GHz	Power Input, avg.	Length in. (mm)	Weight oz. (g)	Model Numbers For N Conn.
1	±0.3	4W			AA-01N
2	± 0.3	4W	2.2 (56)	2.4 (68)	AA-02N
3	± 0.4	4W	2.2 (30)	Z. T (00)	AA-03N
4	± 0.4	3W			AA-04N
5	±0.5	3W			AA-05N
6	± 0.6	3W	2.2 (EC)	2.4.(6.0)	AA-06N
8	± 0.7	2W	2.2 (56)	2.4 (68)	AA-08N
10	±0.8	2W			AA-10N
12	±0.9	2W	2.2 (56)	2.4 (68)	AA-12N
15	± 1.0	2W	2.2 (56)	2.4 (68)	AA-15N
20	± 1.2	2W	2.2 (56)	2.4 (68)	AA-20N
25	± 1.3	2W	3.0 (76)	2.7 (77)	AA-25N
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30	±1.5	2W	3.0 (76)	2.7 (77)	AA-30N
40	± 1.8	2W	3.0 (76)	2.7 (77)	AA-40N
50	± 2.0	2W	3.8 (97)	3.1 (88)	AA-50N
60	± 2.5	2W	3.8 (97)	3.1 (88)	AA-60N

