

- ◆ Standard Bandwidth resistive attenuators
- ◆ 2W to 25W Average Power
- ◆ Integral Matching Structures
- ◆ High Reliability
- ◆ RoHS Compliant
- ◆ Economic Price
- ◆ Multiple Connector options



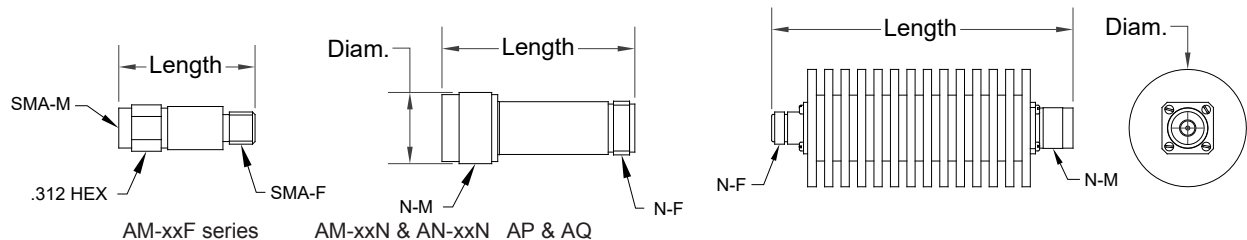
Microlab coaxial attenuators are for wireless applications covering DC to 3 GHz frequency range. They are designed for standard commercial bandwidth networks with range from 2W to a full 25W average bidirectional power rating.

The attenuators are constructed of resistive elements in a conventional series circuit. Units are exceptionally rugged, and negligibly affected by normal ambient temperature and humidity changes.

Frequency:	DC to 3.0 GHz
Impedance:	50Ω nominal
Temperature:	
Operating*:	-10° to +50°C
Non Operating:	-40° to +70°C
Finish:	RoHS Compliant
Body	Passivated aluminum
Heat Sink:	Anodized aluminum
SMA connectors:	Stainless steel
N connectors:	Triplate
*Derate power by -1.5%/°C above 50°C	

Model Numbers/Attenuation Values(dB)						Power Avg/Peak (m-f)	Conn. 3 & 6	Accuracy, dB				VSWR max.	Size in. [mm]		Wt. nom lbs (g)
3	6	10	15	20	30			10	15	20	30		Diam.	Length	
AM-03N	AM-06N	AM-10N	AM-15N	AM-20N	AM-30N	2W/500W	N	±0.4	±0.5	±0.6	±0.6	1.20:1	0.8[20]	2.8[70]	0.14(65)
AM-03F	AM-06F	AM-10F		AM-20F	AM-30F	2W/500W	SMA	±0.4	±0.5	±0.6	±0.6	1.20:1	0.7[18]	2.8[70]	0.09(40)
AN-03N	AN-06N	AN-10N		AN-20N	AN-30N	5W/500W	N	±0.4	±0.5	±0.5	±0.7	1.25:1	0.8[20]	2.8[70]	0.14(65)
AP-03N	AP-06N	AP-10N		AP-20N	AP-30N	10W/1kW	N	±0.4	±0.5	±0.6	±0.6	1.20:1	1.5[38]	3.3[83]	0.3(135)
AQ-03N	AQ-06N	AQ-10N		AQ-20N	AQ-30N	25W/1kW	N	±0.4	±0.5	±0.6	±0.6	1.20:1	1.5[38]	3.3[83]	0.3(135)

Mechanical Outline



Note: Specifications are subject to change without prior notification.

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