

- ◆ Standard Bandwidth resistive attenuators
- ◆ 50 W Average Power
- ◆ Integral Matching Structures
- ◆ Accurate Attenuation Values
- ◆ High Reliability
- ◆ RoHS Compliant
- ◆ 4.3-10 and N-Type Connector options



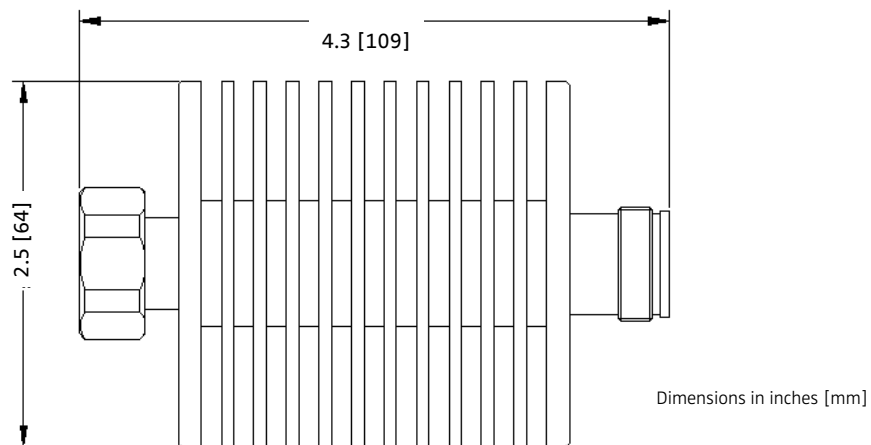
Microlab AR series are coaxial attenuators for wireless applications covering DC to 3 GHz frequency range. It is designed for standard commercial bandwidth networks with average downlink power of 50W.

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
Power [†] :	50W avg, 1kW pk
Impedance:	50Ω nominal
Temperature:	-40° to +85°C*
Finish:	RoHS Compliant
Heat Sink:	Anodized aluminum
Connectors:	Triplate
*Derate power by -1.5%/°C above 25°C	
[†] Maximum reverse power is 25W	

Model Number/Attenuation Value(dB)						Attenuation Accuracy(dB)					VSWR	Weight
3	6	10	15	20	30	3 & 6	10	15	20	30	max.	lb (kg)
AR-03E	AR-06E	AR-10E	AR-15E	AR-20E	AR-30E	±0.5	±0.5	±0.5	±0.5	±0.6	1.20:1	0.93(0.42)
AR-03N	AR-06N	AR-10N		AR-20N	AR-30N	±0.6	±0.5		±0.5	±0.6	1.20:1	1.13(0.51)

Mechanical Outline



Note: Specifications are subject to change without prior notification.

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