



ARUBA OUTDOOR 2.0 GHZ-6.0 GHZ LIGHTNING ARRESTER

The AP-LAR-1 is an in-line, N-Type connector (1 x female, 1 x male) lightning arrester, designed for use with Aruba wireless access points and antennas when deployed outdoors. The device is designed to protect the access point radios from high-voltage lightning transient voltage. As the device is 2.0-6.0GHz frequency range supporting, the same arrester part may be used for 2.4-2.5 GHz or 5 GHz deployments. AP-LAR-1 is weather-proof once installed.

FREQUENCY / GAIN

- 2.0 GHz - 6.0 GHz

SURGE PROTECTION RATING

- 10kA IEC 61000-4-5 8/20µs

VSWR (MINIMUM PERFORMANCE)

- < 1.2:1

INSERTION LOSS

- < 0.1 dB

RETURN LOSS

- > 20 dB

CONTINUOUS POWER

- 10 watts

LET THROUGH VOLTAGE

- < ±3 volts for 3kA@8/20µs Waveform

DIMENSIONS (INCHES/CENTIMETERS)

- 2.80" (7.11 cm) x 0.73" (1.85 cm)

HOUSING

- Machined Aluminium

OPERATING TEMPERATURE

- -40° C to +85° C / -40° F to +185° F

VIBRATION

- 1G @ 5 Hz to 100 Hz

ENVIRONMENTAL

- Meets IEC 60529 IP65.
- Meets Bellcore #TA-NWT-000487 Procedure 4.11, Wind Driven (120 mph), Rain Intrusion Test.

