



AirLancer Extender SA-5L

- Protects WLAN equipment from current surges
- For all LANCOM AirLancer Extender outdoor antennas
- Central component for lightning protection
- Low signal attenuation

The use of the SA-5L is essential for outdoor installations – despite outdoor lightning-protection measures, partial discharges can still give rise to surges that can damage sensitive WLAN modules. Our extensive in-house research and development has resulted in a level of protection against partial discharge that improves on that available from standard protective adapters.

Protecting the components employed from the consequences of lightning strikes and other electrostatic influences is one of the most important aspects in the design and installation of wireless LAN systems for outdoor use. Please refer to the notes in the LANCOM Outdoor Guide on lightning and surge protection, as otherwise LANCOM cannot provide any guarantee for damage to LANCOM and AirLancer components.

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Applications	Protection from current surges for all outdoor WLAN installations, so protecting WLAN equipment against lightning strike in combination with lightning-protection systems, as well as protecting against the effects of partial discharges and other electrostatic events.
Frequency range	2000-6000 MHz
Insertion loss	< 0.2 dB
Impedance	50 Ohm
Maximum power	300 Watt
Connectors	Unprotected area: N connector; protected area: N socket; screw attachment for grounding conductor
Dimensions	Length 90 mm, diameter 30 mm
Environmental conditions	-40°C - +85°C, protection rating IP-65
Documentation	Printed installation instructions and LANCOM Outdoor Guide with information on outdoor installations, lightning protection, grounding and surge protection systems, positioning and alignment; free from www.lancom.de/download
Warranty	2 years
Item number	61553