

AirLancer SurgeProtect

Surge arrestor for WLAN installations in combination with a LANCOM outdoor WLAN antenna (ON)



Protecting components from the consequences of lightning strikes and other electrostatic influences is a vital aspect in the design and installation of WLAN systems for outdoor use. The AirLancer SurgeProtect is required for all outdoor installations with a LANCOM outdoor WLAN antenna (ON). The AirLancer SurgeProtect is installed between the access point and the antenna. It reduces the current surges that can occur even if outdoor lightning-protection equipment is installed, as even partial discharges are capable of damaging the sensitive WLAN modules in access points.

- Surge arrestor for connections between LANCOM outdoor WLAN antennas (ON) and access points
- Central components for lightning protection
- Low signal attenuation

AirLancer SurgeProtect

Technical Information

Frequency range	DC to 7000 MHz
Insertion Loss	below 0.2 dB @ DC-6700 MHz; below 0.3 dB @ 6700-7000 MHz
Protection Circuit	DC Pass
Surge Current	10kA multiple (8x20µs wave-form)
Impulse Sparkover	700V (1kV/µs)

Mechanical Information

Connectors	1 x N-Plug (protected side) - 1 x N-Jack (antenna side)
Weight	40 g
Housing material	aluminium
Operating temperature	-40° to 85°C

Support

Warranty	2 years support
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Suitable for

Antennas	All AirLancer ON antennas
Antenna cable	AirLancer cable NJ-NP 3m, item no. 61230, AirLancer cable NJ-NP 6m, item no. 61231, AirLancer cable NJ-NP 9m, item no. 61232
Adapter	AirLancer AN-RPSMA-NJ adapter to connect ON Antennas to LANCOM Indoor Access Points and IAPs, item no. 61259

Fit for the following LANCOM devices

Outdoor	LANCOM OAP Series 32x, 82x, 170x, OW-602 and OX-6402 (with external antenna connectors)
Indoor	All LANCOM Indoor Access Points and IAPs via separately available Adapter AirLancer AN-RPSMA-NJ*
*) Note	You need one adapter per antenna connector

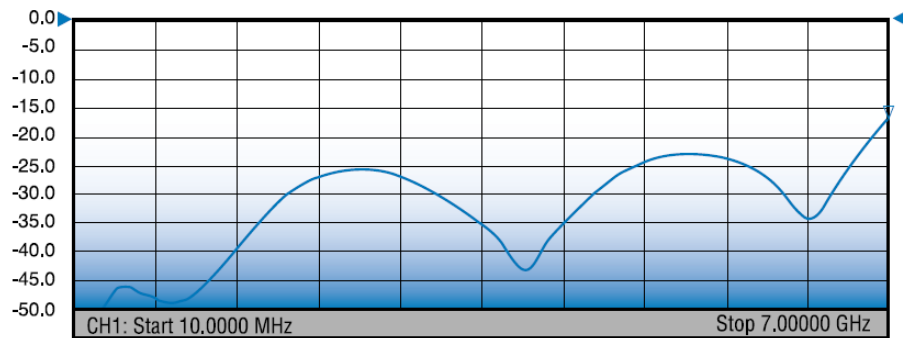
Item number(s)

AirLancer SurgeProtect	61257
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Return Loss / Insertion Loss

S11 Return Loss



S21 Insertion Loss

