

R&S® LANCOM PoE++ Injector

PoE injector for powering LANCOM access points with Power over Ethernet



The R&S® LANCOM PoE++ Injector is impressive in terms of flexibility and performance: The ability to provide power up to 100m away from the access point allows flexible positioning of the access points for perfect radio field coverage. The power supply is based on the PoE standards IEEE 802.3af (PoE), IEEE 802.3at (PoE+), and IEEE 802.3bt (PoE++), allowing high-performance devices to be connected without any loss of performance. A cost-effective solution for companies that want to make their network PoE-enabled.

- ▶ 1-port PoE injector with multi-Gigabit Ethernet support
- ▶ Supports the PoE standard IEEE 802.3af/at/bt
- ▶ Power supply through up to 100m of Ethernet cable
- ▶ Support of link speeds of up to 5 Gbps
- ▶ Easy plug & play installation

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Multi-Gigabit Ethernet support

Even where a PoE-enabled switch is not in use, access points are reliably powered by the LANCOM PoE++ Injector thanks to multi-Gigabit Ethernet (up to 5 Gbps). Access points that are far away from a regular power outlet continue to offer full performance.

Power thanks to PoE, PoE+, and PoE++

As it supports the PoE standards IEEE 802.3af (PoE), IEEE 802.3at (PoE+), and IEEE 802.3bt (PoE++), the R&S®LANCOM Injector is the optimal choice for powering all of your LANCOM access points by means of Power over Ethernet. For high-performance products such as the Wi-Fi 7 access points LX-7500 and LX-7300, the 10G-capable R&S®LANCOM PoE++ 10G Injector is recommended.

High output power

With power supplied as per IEEE 802.3af/at/bt with a guaranteed power output of 65W over up to 100m, the R&S®LANCOM PoE++ Injector gives you the flexibility to position your access points for perfect signal coverage.

Integrated power supply unit

Thanks to the power supply unit integrated into the R&S®LANCOM PoE++ Injector, the IEC connector supplied with it is the only additional component you need—a space-saving solution.

Plug & play

The R&S®LANCOM PoE++ Injector works with a convenient plug & play installation for quick and easy integration into the network. Simply connect the R&S®LANCOM PoE++ Injector between the switch and the access point and use the power cord to supply electricity.

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Interfaces	
LAN	10/100/1000/2500/5000 Mbit/s, PoE compliant with IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt (up to 65W)
Hardware	
AC Input Voltage and AC Frequency	100 to 240 V AC, 50 to 60 Hz
Output Voltage	56 V DC
Output power	up to 65W
Indicators System Indicator	two LEDs showing operation condition
Connectors	Shielded RJ-45, EIA 568A and 568B
Environment	Operating Ambient Temperature: -10°C - 40°C; Storage Temperature: -25°C - +65°C; Humidity max. 90%, non-condensing
Protections	Overvoltage, Overload/Overcurrent, Over Temperature, Short Circuit (all with Auto-Recovery)
Efficiency	88% (115VAC/60Hz), >89% (230VAC/50Hz)
Declarations of conformity*	
*) Note	The full text of the specific Declaration of Conformity is available here
Safety Approvals	UL, CE, CCC, EN 62368, DoE VI, CoC tier II
Scope of delivery	
Manual	Printed Installation Guide (DE/EN)
Cable	IEC power cord
Support	
Warranty	2 years Support
Item number(s)	
R&S® LANCOM GE PoE++ Injector (EU)	61779

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