

LANCOM SFP-AON-10

Direct connection with 10G to Active Ethernet lines



The SFP transceiver module LANCOM SFP-AON-10 is the ideal solution for fiber-based networks that rely on high bandwidths and flexible network extensions. It enables seamless 10G connectivity both downstream and upstream by connecting directly to AON networks (Active Optical Networks) via your LANCOM multi-WAN or central site SD-WAN gateway. Thanks to the direct fiber-optic connection with transmission rates of up to 10 Gbps, there is no need for additional provider modems or complex cabling.

- Simplex LC/UPC Transceiver
- Direct connection to AON FTTH networks without separate provider modem
- Constant transmission bandwidth of up to 10 GBit/s
- Easy integration into LANCOM 2100EF, ISG-5000, ISG-8000, and WLC-2000
- Operating temperature 0°C to 70°C
- Including 3m LC/APC to LC/UPC cable



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Future-proof support for AON technology with up to 10 Gbps

For fiber to the home (FTTH) data transmission, AON technology is a future-proof solution: A AON-based network architecture is characterized by large bandwidths as well as high transmission ranges. The components of the gigabit speed optical network reduce its maintenance and costs, making it reliable and scalable. An upgrade to AON technology including 10G support is therefore easy to realize with the LANCOM SFP-AON-10.

Direct connection to AON FTTH networks without separate provider modem

While previously an additional fiber-optic modem had to connect the fiber-optic connection in the building to the router, the LANCOM SFP-AON-10 now handles the necessary conversion of the incoming data signals. This eliminates the need for cabling and installation of a modem as well as the laying of an additional power supply.



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Technical details

SFP module	AON LC/UPC Transceiver
Conformity	Compliant to 10GBASE-BX20-U
Cable type	Single mode fiber 9/125µm up to 20km
TX Wavelength	typ. 1270nm
RX Wavelength	min. 1320nm, max. 1340nm
Transmit power	min. -2 dBm, max. +3 dBm
Receiver Sensitivity	min. -14 dBm
Receiver Overload	max. 0.5 dBm
Symmetric data rate	up to 10.31 Gbps
Power consumption	typ. 1.4 W
Operating temperature	0°C - 70°C
Connection type	LC/UPC
Monitoring	SFF-8472 diagnostic monitoring interface for optical transceivers

Compatibility

Compatible devices	→ LANCOM 2100EF → LANCOM ISG-5000 → LANCOM ISG-8000 → LANCOM WLC-2000
Minimum software version*	→ LCOS 10.50 RU2
*) Note	For regular operation the mentioned minimum version is required.

Delivery content

Delivery content	→ SFP module → 3m LC/APC to LC/UPC cable
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Item

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