PRODUCT DATA SHEET

NETLINK | NETWORK CONNECTIVITY

XCELL NetLink 10/100/1000 Mbps Fiber Optic Media Converter– SFP, SM/MM, 230V



The Xcell Netlink Fiber Optic Media Converter provides reliable 10/100/1000 Mbps Ethernet connectivity over Single-Mode or multi-Mode optical fiber using an SFP module. The RJ45 port supports automatic speed negotiation, while the SFP optical interface supports 100/1000 Mbps. LED indicators provide quick monitoring of power and link/activity status.

- Plug-and-play operation with high performance and low power consumption.
- Supports 10/100/1000 Mbps Ethernet with automatic speed negotiation.
- SFP-compatible optical interface supporting 100/1000 Mbps transmission.
- RJ45 electrical interface with Auto-Negotiation and automatic MDI/MDI-X crossover.
- Store-and-forward switching architecture.
- Transmission distance depends on the selected SFP module.
- Status LEDs for PWR, TX Link/ACT, FX Link/ACT, 100M and 1000M.
- DC powered operation.

MAIN SPECIFICATIONS

Range of products	NetLink
Product / component type	Media Converter

APPLICATIONS

Suitable for Ethernet-to-fiber connectivity in telecommunications, enterprise networks,CCTV /network infrastructure, building networks and other applications requiring long distance single-mode fiber transmission.

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TECHNICAL SPECIFICATIONS	
Standards	IEEE 802.3i IEEE 802.3u IEEE 802.3x Flow Control IEEE 802.1af DTE Power via MDI IEEE 802.3z / IEEE 802.3ab
Optical Fiber	Single Mode (SM) / Multi Mode (MM), depending on SFP module
Wavelength	Depends on selected SFP module
Optical Port	1 × Fiber Port, SC
Ethernet Port	1 × RJ45
Ethernet Speed	10/100/1000 Mbps
Transmission Distance	depends on selected SFP module; RJ45: up to 100 m
Network Media	10BASE-T: Cat3/4/5 UTP ≤100 m; 100BASE-TX: Cat5 or above UTP ≤100 m
Forwarding Mode	Store-and-forward
Power Supply	DC 5 V / 1 A
Operating Temperature	-20 ℃~75 ℃
Storage Temperature	-40 ℃~85 ℃
Relative Humidity	0–95% RH, non-condensing
Dimensions	6.9 cm × 3.7 cm × 2.3 cm
WARRANTY	
Warranty	180 days

ORDER INFORMATION

Product Description	Part No
Xcell NetLink 10/100/1000 Mbps Fiber Optic Media Converter – SFP, SM/MM, 230V	XL-MC-1G-SFP-SMMM