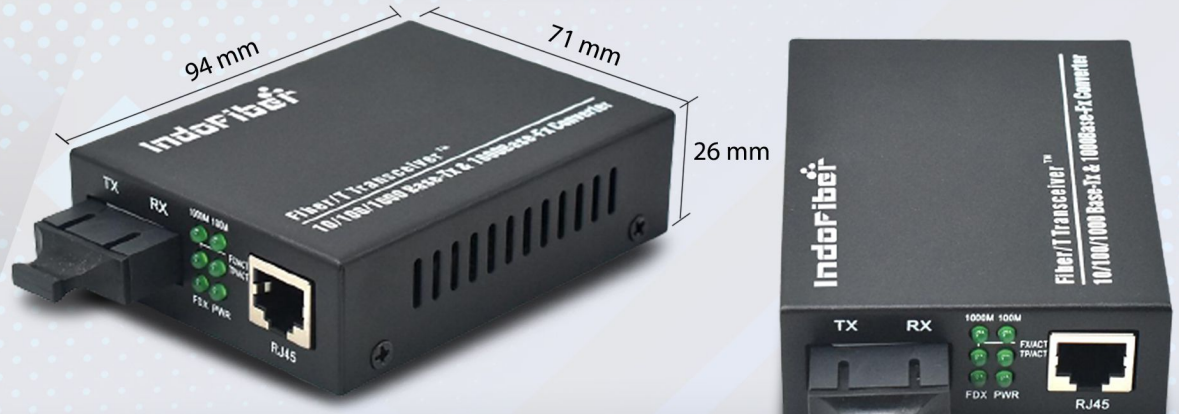


10/100/1000 Mbps to Singlemode
10/100/1000 Mbps to Multimode

Description :

Indofiber Media Converter 10/100/1000 is a product designed to address the need for extended Ethernet networks in work groups that have high-speed and high-bandwidth requirements. The media converter can extend transmission distances from several kilometers to even hundreds of kilometers.
The converter is primarily intended for larger work groups that demand a smooth network with high quality. It offers a reliable and efficient solution by providing high performance, cost-effectiveness, and flexibility. It can be used in various applications within the WAN/LAN and networking fields.
By utilizing Indofiber Media Converter, organizations can expand their network coverage and overcome distance limitations. This allows them to connect devices and systems across extended distances without sacrificing performance or quality. The media converter enables seamless connectivity and reliable data transmission, enhancing overall network efficiency.

Features :

- Provide one Duplex fiber connector and one UTP connector
- Fully complies with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX, IEEE802.3z 1000Base-FX standard
- Auto-detection of half/full duplex transfer mode for TX port
- Auto-negotiation of 10/100/1000Mbpa rate and Auto-MDI/MDIX for TX port
- Provide switch configuration of half/full duplex transfer mode for FX port
- Extend fiber distance up to 2km for multi-mode type and 20-120km for single-mode type
- Compacts size for easy installation and working with Media Chassis
- Fiber-connector of SC
- Easy-to-view LED indicators provides status to easily monitor network activity Internal power supply
- 1000Base-LX: 9/125um Single-mode fiber cable, up to 20Km (for SM Type)
- 1000Base-T: 2-pair Cat5e or Cat6 UTP cable, up to 100 meters (depends on cable's manuf. Recommendation)
- Back pressure flow control for full duplex IEEE802.3 X

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10/100/1000 Mbps to Singlemode
10/100/1000 Mbps to Multimode

TECHNICAL FEATURES	
Fiber connector	SC
Connectors	UTP : RJ-45
Optical Port	1000Mbps
Standard Protocol	IEEE802.3 | IEEE802.3u | IEEE 802.3z standard. | IEEE 802.3ab standard.
Fiber Cable	SM Type 9/125µm (max distance up to 20km), Longer distance available as optional
	MM Type 50/125 (max distance up to 550m), 62.5/125µm (max distance up to 275m)
Dimensions	External power supply type : 94mm*70mm*25mm
	Internal power supply* : N/A
BandWidth	RJ 45 Port : 10/100/1000Mbps
Operation Mode	Full / Half duplex mode
Power supply (output)	5V DC 2A
Power supply (input)	AC110-250V, 50-60Hz
Power Consumption	≤5W
Work Temperature	0°C~50°C
LED Indicators	POWER, FPL,10/100, FRX, TRX, FDX.
TP Cable	Cat5e / Cat6 UTP cable (max distance up to 100m, depends on the cable manuf.)
Gross Weight	External power supply : 0.4 kg
	Internal power supply* : N/A
Emission/Safety	FCC Part 15 , Class A, RoHS and CE Mark

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10/100 Mbps to Singlemode
10/100 Mbps to Multimode

Description :

The Media Converter Indofiber seems to be a valuable tool for enhancing network performance and expanding Ethernet networks. By converting the signal transmission medium from CAT5 to optical fiber, it enables the extension of transmission distances over long distances, which can be particularly useful in scenarios where traditional Ethernet cables are limited in reach.

The Media Converter Indofiber appears to address the need for a smooth network with high quality by providing a reliable and efficient solution. Its performance, cost-effectiveness, and flexibility make it suitable for various applications in LAN (Local Area Network), WAN (Wide Area Network), or other network environments. With the ability to extend transmission distances up to several kilometers or even hundreds of kilometers, this media converter can significantly enhance network connectivity and overcome the limitations of standard Ethernet cables. Optical fiber offers higher bandwidth, lower latency, and better resistance to electromagnetic interference, resulting in improved network performance and reliability.

Overall, the Media Converter Indofiber seems to be a promising product for organizations looking to improve their network infrastructure, extend network reach, and achieve smoother communication with high-quality connectivity.

Features :

- Provide one Duplex fiber connector and one UTP connector
- Fully complies with IEEE 802.3 10 Base-T standard, IEEE 802.3u 10/100 Base-TX/FX standard, IEEE 802. standard,
- Back pressure flow control for full/half duplex IEEE802.3X
- 10/100/ Mbps port with full/half duplex auto-negotiation
- Auto MDI/MDIX cross-line for TX port
- Extends fast Ethernet networks distance up to 2km (Multimode) and up to 20Km (Singlemode)
- LED indicators provide status for network activities
- External Power Supply
- Built in 128Kb RAM for data buffer;
- the longest transmission distance reach 120 kilometers

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10/100 Mbps to Singlemode
10/100 Mbps to Multimode

TECHNICAL FEATURES	
Fiber	SC
Connectors	Ethernet: RJ-45
Optical Port	100Mbps
Standard Protocol	IEEE802.3 | IEEE802.3u | IEEE 802.3x | IEEE 802.3d
Fiber Cable	For Singlemode type 9/125µm (max distance up to 20km), longer distance available as optional
	For Multimode type 50/125 or 62.5/125µm (max distance up to 2km)
Dimensions	External power supply : 9,5cm x 7cm x 2,5cm
	Internal power supply* : N/A
BandWidth	RJ 45 Port: 10/100Mbps
Operation Mode	Full / Half duplex mode
Power supply (output)	DC5V, 1000mA
Power supply (input)	AC100-240V | 50-60Hz, 0.3A
Power Consumption	≤5W
Work Temperature	Storage Temperature
LED Indicators	POWER, FPL,10/100, FRX, TRX , FDX.
TP Cable	Cat5e or Cat6 UTP cable (the max distance up to 100m)
Gross Weight	With External power supply : ±0.3 kg
	With Internal power supply* : N/A
Emission/Safety	FCC Part 15 , Class A, RoHS and CE Mark

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