TP-Link Gigabit WDM Media Converter

Brand : TP-Link

Product code: TL-FC311B-2

Product name : Gigabit WDM Media Converter

- 1× 10/100/1000Mbps Auto-Negotiation RJ45 port supports Auto-MDI/MDIX
- Auto-negotiation of Half-Duplex/Full-Duplex transfer mode
- Adopts WDM technology, transmitting and receiving data on one single fiber
- Extends fiber distance up to 2 km

1× 10/100/1000 Mbps RJ45, 1× Gigabit SC Fiber Port, IEEE 802.3i, 802.3u, 802.3ab, 802.3z, 94.5×73.0×27.0 mm

TP-Link Gigabit WDM Media Converter. Maximum data transfer rate: 1000 Mbit/s, Networking standards: IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z, Ethernet interface type: Gigabit Ethernet. Maximum transfer distance: 2000 m, Fiber mode structure: Single-mode, Fiber cable diameters supported (core/cladding): 9/125 µm. LED indicators: Activity, Link, Power, Product colour: Black. Fiber optic connector: SC, Connectivity technology: Wired. Output voltage: 5 V, Output current: 0.6 A
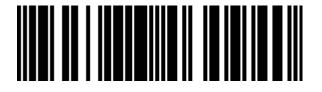
Network

Maximum data transfer rate *	1000 Mbit/s
Networking standards	IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z
Ethernet interface type	Gigabit Ethernet
Ethernet LAN data rates	10,100,1000 Mbit/s
Data transfer rate	1000 Mbit/s
Auto MDI/MDI-X	✔
Auto-negotiation	✔
Duplex system	Full, Half

Performance

Maximum transfer distance *	2000 m
Wavelength-division multiplexing (WDM)	✔
Fiber mode structure	Single-mode
Fiber cable diameters supported (core/cladding)	9/125 µm

Features

Internal *	✘
LED indicators	Activity, Link, Power
Product colour	Black

Ports & interfaces

Connectivity technology	Wired
Ethernet LAN (RJ-45) ports	1
Fiber ports quantity	1
Fiber optic connector *	SC
DC-in jack	✔

Power

Output voltage	5 V
Output current	0.6 A
External power adapter	✔

Weight & dimensions

Width	94.5 mm
Depth	73 mm
Height	27 mm

Operational conditions

Operating temperature (T-T)	0 - 50 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%

Packaging content

AC adapter included	✔
Quick installation guide	✔

Packaging data

Package width	165 mm
Package depth	204 mm
Package height	65 mm
Package weight	360 g

Logistics data

Harmonized System (HS) code	85176990

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