

## **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  $\mbox{km}$

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

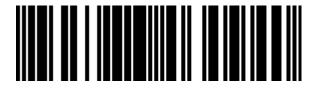




Network		Power	
Maximum data transfer rate *	1000 Mbit/s	Output voltage	5 V
	IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z	Output current	0.6 A
, and the second		External power adapter	✓
Ethernet interface type Ethernet LAN data rates	Gigabit Ethernet 10,100,1000 Mbit/s	Weight & dimensions	
Data transfer rate	1000 Mbit/s	Width	94.5 mm
Auto MDI/MDI-X	✓	Depth	73 mm
Auto-negotiation	<b>√</b>	Height	27 mm
Duplex system	Full, Half	Operational conditions	
Performance		Operating temperature (T-T) Storage temperature (T-T)	0 - 50 °C -40 - 70 °C
Maximum transfer distance *	2000 m	Operating relative humidity (H-H)	10 - 90%
Wavelength-division multiplexing (WDM)	✓	Storage relative humidity (H-H)	5 - 90%
Fiber mode structure	Single-mode	Packaging content	
Fiber cable diameters supported (core/cladding)	9/125 μm	AC adapter included	✓
Features		Quick installation guide	•
Internal *	×	Packaging data	
LED indicators	Activity, Link, Power	Package width	165 mm
Product colour	Black	Package depth	204 mm
Ports & interfaces		Package height	65 mm
Connectivity technology	Wired	Package weight	360 g
Ethernet LAN (RJ-45) ports	1	Logistics data	
Fiber ports quantity	1	Harmonized System (HS) code	85176990
Fiber optic connector *	SC		
DC-in jack	✓		













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