



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



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