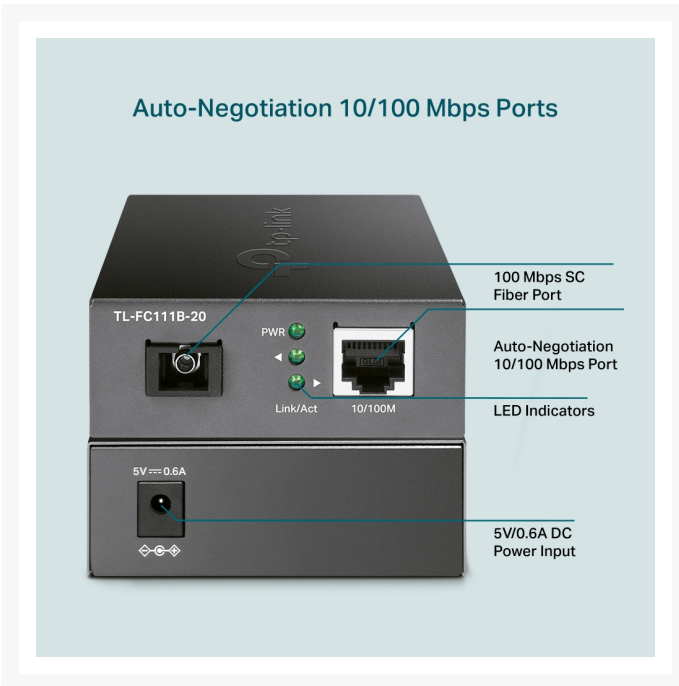




# TP-Link | TL-FC111B-20 | 10/100Mbps WDM Media Converter

## Product Images



# TP-Link | TL-FC111B-20 | 10/100Mbps WDM Media Converter

Enhance your network capabilities with the TP-Link TL-FC111B-20 10/100Mbps WDM Media Converter. Designed for maximum efficiency and cost savings, this media converter transforms electrical signals into optical signals, enabling seamless data transmission over distances up to 20 kilometres. Ideal for applications such as park security monitoring and wireless networking, the TL-FC111B-20 ensures reliable and high-performance connectivity.

Leveraging advanced Wavelength Division Multiplexing (WDM) technology, the TL-FC111B-20 simultaneously transmits and receives data over a single fibre, significantly reducing cable deployment costs. Featuring a 100M RJ-45 port and a 100M SC fibre port, this media converter provides versatile connectivity options, making it an essential addition to any network infrastructure.

The TL-FC111B-20 is designed for ease of use with auto-negotiation for Half-Duplex/Full-Duplex transfer modes and Auto-MDI/MDIX functionality, ensuring seamless integration with existing network devices. Its compact and durable design guarantees consistent performance in various environmental conditions, providing a dependable solution for extending network connectivity.

Experience the efficiency and reliability of the TP-Link TL-FC111B-20, the perfect choice for extending your network with ease and precision.

## FEATURES

- Converts electrical signals to optical signals
- Extends network distance up to 20 kilometres
- Wavelength Division Multiplexing (WDM) technology for efficient data transmission
- Equipped with 100M RJ-45 and 100M SC fibre ports
- Auto-negotiation for Half-Duplex/Full-Duplex modes
- Auto-MDI/MDIX functionality for simplified connections
- Compact and durable design
- Suitable for park security monitoring and wireless networking

## SPECIFICATIONS

- **Standards:** IEEE 802.3, IEEE 802.3i, IEEE 802.3u
- **LED Indicator:** PWR, Link/Act
- **Connector Types:** 1 SC fibre optic; 1 RJ45 jack
- **Twisted-Pair:** 100BASE-TX: 2-pair UTP/STP of CAT5 or above (≤100 m)
- **Fibre:** 9/125 µm single-mode fibre (≤20 km)
- **Wave Length:** 1310 nm TX, 1550 nm RX
- **Power Supply:** 5 V/0.6 A Power Adapter
- **Dimensions:** 94.5 x 73 x 27mm
- **Storage Temperature:** -40°C to 70°C
- **Operating Temperature:** 0°C to 50°C
- **Operating Humidity:** 10% to 90% RH non-condensing
- **Storage Humidity:** 5% to 90% RH non-condensing

# WARRANTY

3-Year Manufacturer's Warranty

