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TP-Link | TL-FC311A-20 | Gigabit WDM Media Converter

Product Images

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Enhance your network efficiency with the TP-Link TL-FC311A-20 Gigabit WDM Media Converter. This versatile converter provides a seamless connection between fiber and copper Ethernet cables, allowing for extended transmission distances while maintaining high-speed data transfer. Ideal for long-distance applications, the TL-FC311A-20 supports a transmission distance of up to 20 kilometers using single-mode fiber. Its compact design ensures easy installation in various networking environments, making it a perfect choice for enterprise and industrial applications.

The TL-FC311A-20 is engineered for reliability and performance. It adheres to the IEEE 802.3z and 1000Base-LX standards, ensuring compatibility with a wide range of networking equipment. The device features a robust metal casing that protects against electromagnetic interference (EMI), ensuring stable and uninterrupted data transmission. Additionally, the TL-FC311A-20 supports advanced functions such as auto-negotiation and auto-MDI/MDIX, simplifying network setup and management.

Whether you need to extend your network over long distances or bridge the gap between different types of network media, the TP-Link TL-FC311A-20 Gigabit WDM Media Converter is the perfect solution. Its high performance, ease of use, and compatibility make it an indispensable tool for modern networking needs.

The TP-Link TL-FC311A-20 Gigabit WDM Media Converter is your go-to device for efficient and reliable long-distance network connections. Upgrade your network today and experience the benefits of high-speed, long-range connectivity.

FEATURES

- Extends network transmission distance up to 20km
- Supports single-mode fiber for long-distance applications
- Adheres to IEEE 802.3z and 1000Base-LX standards
- Compact and durable design
- Auto-negotiation and auto-MDI/MDIX for easy setup
- Robust metal casing for protection against EMI
- High-speed data transfer up to 1.25Gbps
- Compatible with a variety of networking equipment
- Simple plug-and-play installation
- LED indicators for easy monitoring of device status

SPECIFICATIONS

- **Port Type:**
  - 1× RJ45 port (1000Base-T)
  - 1× SC fiber port (1000Base-LX)
- **Standards and Protocols**: IEEE 802.3z, 1000Base-LX
- **Data Rate:** 1.25Gbps
- **Fiber Type:** Single-mode fiber
- **Max. Cable Length:** 20km
- **Wave Length:**
  - **TX:** 1550nm
  - **Rx:** 1310nm
- **Power Supply:** External power adapter (9V/0.6A)
- **Operating Temperature:** 0°C to 50°C
- **Storage Temperature:** -40°C to 70°C

- **Safety & Emission:** FCC, CE

WARRANTY

3-Year Manufacturer's Warranty