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# TP-Link TL-FC111PB-20 10/100 Mbps RJ45 to 100 Mbps Single-M

**SKU / Model: TL-FC111PB-20**

## Product overview

? Product Name TP-Link TL-FC111PB-20 10/100 Mbps RJ45 to 100 Mbps Single-Mode SC WDM Bi-Directional Fiber Converter with 1-Port PoE ? Product Overview The TP-Link TL-FC111PB-20 is a fiber media converter designed to extend Ethernet networks over single-mode fiber up to 20 km. Supporting WDM bi-directional transmission, it reduces fiber usage by transmitting and receiving data over a single strand. With one PoE port, it powers connected devices such as IP cameras or access points while delivering stable long-distance connectivity. ? Top Highlights ? RJ45 to Fiber Conversion  Extends Ethernet networks over single-mode fiber ? WDM Bi-Directional  Transmit and receive over one fiber strand ? PoE Support  Powers IP cameras or APs via RJ45 port ? Long-Distance Transmission  Up to 20 km over single-mode fiber ? Compact Design  Easy integration into enterprise or surveillance networks ? Technical Details Specification Details Ethernet Port 1×10/100 Mbps RJ45 with PoE output Fiber Port 1×100 Mbps SC single-mode WDM Transmission Distance Up to 20 km Wavelength Tx: 1310 nm / Rx: 1550 nm PoE Standard IEEE 802.3af compliant PoE Output Up to 15.4 W LED Indicators Power, Link, PoE status Power Supply External adapter Dimensions 94 ×71 ×27 mm ? Why You Should Buy It ? Extends Ethernet networks over fiber up to 20 km ? Saves fiber resources with WDM bi-directional transmission ? Provides PoE power for IP cameras or APs ? Compact and reliable for enterprise or surveillance deployments ? Recommended Use Cases ? Powering and connecting IP cameras over long distances ? Extending enterprise networks with fiber ? Deploying access points in remote areas ? Surveillance and monitoring systems requiring PoE and fiber backhaul ? Customer Assurance ? Warranty / Guarantee: Coverage available through manufacturer support ? Returns Policy: Returns accepted as per standard reseller terms and conditions ? Shipping Info: Delivery handled by reliable logistics partners with tracking support ? Customer Support: Assistance available via official support channels and authorized resellers ? Call to Action Extend your network with the TP-Link TL-FC111PB-20 for reliable fiber and PoE connectivity. Thanks for choosing  YOUR TRUSTED IT PARTNER.

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