POF-TAP

Portable Plastic Optical Fiber TAP

The POF-TAP is a dedicated TAP for monitoring Ethernet communication on Polymer (“Plastic”) Optical Fiber Links running 10/100 Mbit Network Speed

The POF-TAP is your perfect solution for monitoring plastic optical fiber networks. The POF-TAP seamlessly duplicates and converts the plastic optical fiber signal into a full-duplex 10/100 UTP signal. The POF-TAP is an advanced solution, designed specifically for use with existing industrial copper network monitoring systems.

For optimal use with real-time applications, the POF-TAP adds no latency on the network link. It provides a monitoring output with the lowest possible delay, for the most accurate results.

- Non-intrusive in-line monitoring
- Permanent network link guaranteed
- Monitoring of all OSI layers
- No packet loss
- No point of failure
- Smooth operation at up to 100 m
- Trusted by major analysis & monitoring systems

For use with 2-channel, 100 Mbps Fast Ethernet hardware or software analyzers.

Network Tool Layer
Analysis & Monitoring
Packet Capture & Decoding
Expert Analysis, Lawful interception, Performance Management, IDS, etc.

Physical Access Layer
POF-TAP
In-line, it passively monitors all 7 OSI layers, and mirrors any packets of all sizes and types, including CRC errors, VLAN traffic, etc., and sees both ends of full-duplex links.

Order reference: C1P-100

Order information:
C1PP-100 portable unit
incl. 1 x external power supply (redundancy optional)
incl. manual & pouch

General specifications:
POF 650 nm wavelength (visible red)
Connectors:
2 x POF SC RJ sockets
2 x RJ45 (8-pin)
Powered by external adapter: 90-240 V
Low power consumption: less than 5 W
Aluminum housing, black front panel
Operating temperature: 0°C to 50°C
Storage temperature: -10°C to 80°C
Humidity: 10% to 90%, non-condensing
Dimensions (WxDxH): 113 x 88 x 30 mm
Weight: 200 g