

# Full Duplex Optical Monitoring

# PROFITAP

## Full Duplex Fast Ethernet Monitoring

### C1PP-100

The C1PP-100 is a dedicated TAP for monitoring Ethernet Communication on Polymer „Plastic“ Optical Fiber Links running 10/100Mbit Network Speed.

## Polymer Optical Fiber TAP

- Non intrusive In-Line Monitoring
- Monitoring for all Protocol Levels
- No Package Loss
- Works up to 100 ms to attached Appliance
- In/Out Ports & Monitorports at frontside
- Trusted by major analysis & monitoring systems

Developed for leading suppliers for Automation Protocol Analysis others it enables troubleshooting & monitoring Data Communication with **existing copper-based (RJ45) Analysis Appliances.**

At no Latency for the Real Time Applications on the Network Link this TAP provides Traffic Monitoring at lowest possible delay on monitoring outputs for most accurate results.



“POF Link to Copper Monitoring”

#### Available Models:

**C1PP-100**

#### Order Information:

C1PP-100 Unit, portable,  
incl. 1x external Power Supply (redundancy is optional)  
incl. Manual & Pouch

#### General Specification:

POF 650nm Wavelength (visible red)  
Connectors 2x POF SCRJ Sockets and 2x RJ45 (8 pin)  
Powered by external Adapter: 90-240V  
Low Power Consumption: less than 5W  
Metal housing, structured black oven painted  
Operating Temperature: 0°C to 50°C  
Storage Temperature: -10°C to 80°C  
Humidity: 10% to 90%, none condensing

#### Weight & Size:

Main unit (WxDxH): 11,5x8,8x3cm, 200gr.

#### Options/Accessories:

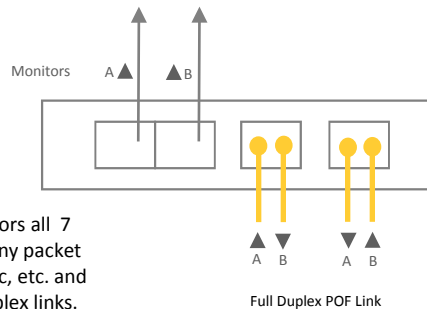
APWR2 extra external Power Supply for Redundancy

Conformity: CE RoHS WEE-Reg.-Nr. DE71787154

For use with 2 Channel Hard- or Software Analyzer/Appliances at 100Mbit Fast Ethernet Networks speeds:

#### Network Tool Layer

Analysis & Monitoring  
Packet Capture & Decoding  
Expert Analysis, Lawful Interception,  
Performance Management, IDS, etc.



#### Physical Access Layer C1PP-100

In-Line it passively monitors all 7 protocol layers, mirrors any packet size, bad CRC, VLAN traffic, etc. and sees both ends of full-duplex links.

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#### more Industry TAPs:

**C1D-100** single Port 10/100 UTP TAP



Railmount with Industrial Power

**C1AP-100** Aggregation TAP



FullDuplex Aggregation into USB2.0,  
works with any Sniffer

