

## Full Duplex Optical Monitoring

# C1PP-100

## Polymer Optical Fiber TAP

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

Developed for leading suppliers for Automation Protocol Analysis and 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 Monitoring Traffic at lowest possible delay on monitoring outputs for most accurate results.

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

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

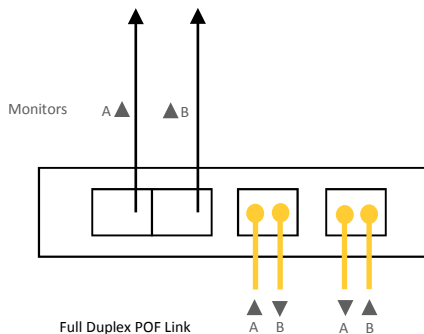
For use with 2 Channel Hard- or Software Analyzer/Appliances at 100Mbit Fast Ethernet Networkspeeds:

### Network Tool Layer

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



### Physical Access Layer C1PP-100



“POF Link to Copper Monitoring”

10 100

#### 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/Accessoires:

APWR2 extra external Power Supply for Redundancy

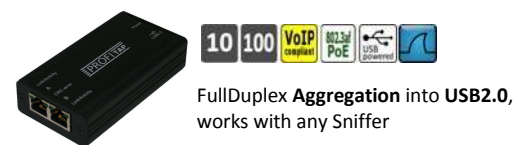
Conformity:

#### More Industry TAPs:

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



#### C1AP-100 Aggregation TAP



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