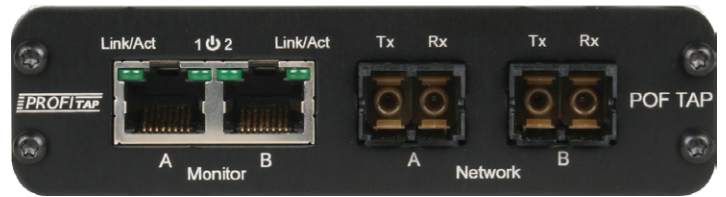# POF-TAP

Plastic Optical Fiber TAP

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

The POF-TAP is the 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.

TECHNICAL SPECIFICATIONS

CONNECTORS	DIMENSIONS (WxDxH)
2 x POF SCRJ sockets 2 x RJ45 8-pin	113 x 88 x 30 mm 4.45 x 3.46 x 1.18 in
POWERING	**WEIGHT**
12 VDC	215 g — 0.47 lb
POWER CONSUMPTION	**ENCLOSURE**
Less than 5W	Aluminum housing, black front panel
WAVELENGTH	**HUMIDITY**
POF 650 nm wavelength (visible red)	10 to 90%, non-condensing
OPERATING TEMPERATURE	**STORAGE TEMPERATURE**
0°C to 50°C	-10°C to 80°C
INCLUDED ACCESSORIES	
1 x 100–240 VAC to 12 VDC PSU — Pouch	
OPTIONAL ACCESSORIES	
100–240 VAC to 12 VDC PSU (APWR2)	

FEATURES

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

ORDER REFERENCE   C1PP-100

V.2.2-0818

PROFI TAP