

# 1 x GE Converter TAP – optical to electrical

Want to monitor the traffic of an optical Gigabit Ethernet link with your existing monitoring equipment, which features only a 1000B-T electrical input? The 1GE Converter TAP is the right answer for this challenge. With its fully passive connection to the network it doesn't influence the traffic of the optical network link while still allowing full access to the traffic via the electrical 1000B-T monitoring port.



## Multimode and Singlemode

The network link can be either in Multimode (850/1300nm) or Singlemode (1310/1550nm). By default Cubro 1GE Converter TAPs are delivered with SC type connectors. Optional, the units can also be equipped with FC or LC connectors – according to your requirements.

## Number of Monitoring Ports

By default Cubro 1GE Converter TAPs come with two monitoring ports per network link (one port per traffic direction). For parallel monitoring (e.g. monitoring system plus portable decoder) it is also possible to double the monitoring ports.

## Fully passive

Optical Splitters installed at the network link inputs allow fully passive connection to the link under test. Thus the network link is not interrupted even if the power supply to the TAP fails. Moreover, the splitting ratio is selectable according to the available optical power budget.

## LED Indicators

LED's on the front panel provide fast and easy indication of power-, link- and activity status.

## Different Power Versions

12VDC, 48VDC and also 230VAC versions available.

## Various Cabinet versions available

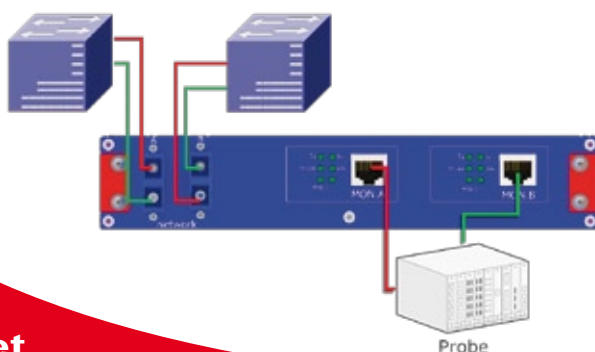
With the 19" Mount Kit you can build the portable TAP to flexible Cabinets. One TAP in 19", 1U; 2 different TAPs (SM and MM) to 19" and much more.

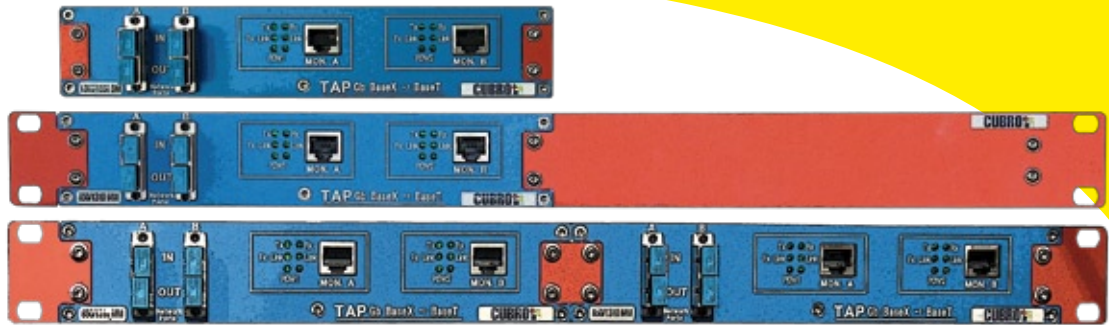
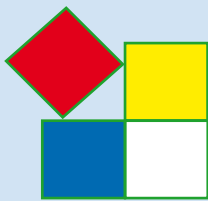
## Remote Management Interface

To get a better visibility into the network Cubro TAPs are remotely manageable via a 10M/100M Ethernet Interface and a standard web browser. Thus, to turn OFF/ON Monitoring Ports, verify the status of the network link or to check status of the power supply becomes straight forward and easy. (optional)

## Easy to use and operate

Easy operation and installation.





## Specifications

\* 2 pieces 19" Rackmount Kit version TAPS can be combined in 1U high

Housing Type	portable	19" Rack Mount Kit version *	19" standard version
Network Port Connector	SC (optional FC or LC)		
Wavelength Network Port	850/1300nm MM or 1310/1550nm SM		
Number of Network links	1	1	1 or 2 (depends on the number of monitoring ports)
Network Port Link-Speed	1000M		
Monitor Port Connector	RJ45		
Monitor Port Speed	1000M		
Number of Monitor Ports	2 – one for each direction of the link	2 – one for each direction of the link	4 (either 2 per link or 4 for the single link version)
Operating Temperature	0°C to 55°C		
Storage Temperature	-10°C to 75°C		
Dimension (W x D x H) mm	220 x 295 x 44	482,6 x 270 x 44	482,6 x 295 x44
Power Rating	15W	15W	50W for 2 links and 15W for single link with 4 Monitoring ports
Power Supply	12VDC or 48VDC	12VDC or 48VDC	48VDC or 230VAC
Weigth	1,2kg	1,2kg	2,6kg

Version 4.0 July 2008 Technical specifications can be changed without further notice



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