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CUBRO OPTICAL TAP
1 LINK & 2 LINK

DATA SHEET
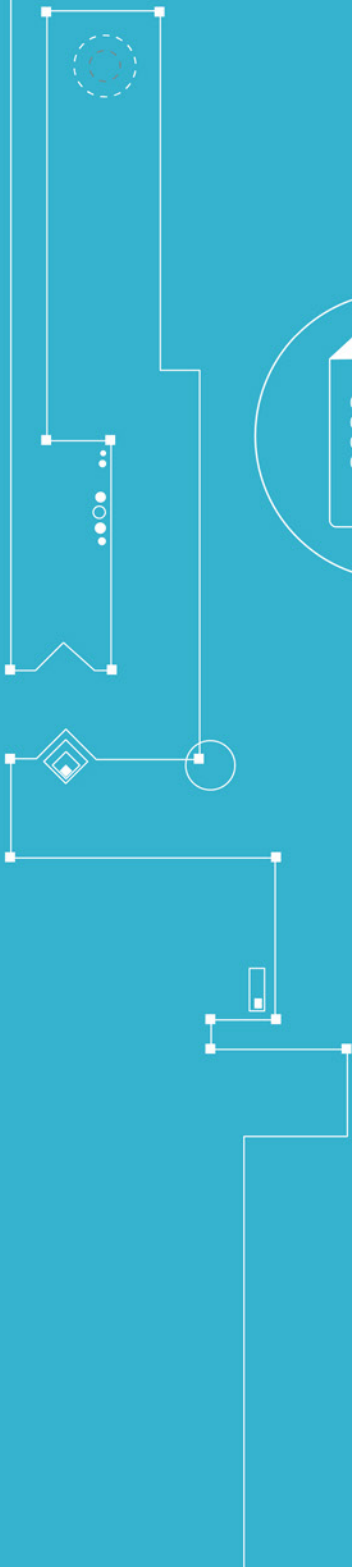
Network TAP At a glance

Definition

A network TAP (test access point) is an external monitoring device that mirrors the traffic that passes between two network nodes. A TAP is a hardware device inserted at a specific point in the network to monitor data.

Advantages of Cubro Optical TAP

- Full transparency allows user to use optical TAPs for all protocols or data rates up to 100 Gbit
- No power supply needed
- Flexible and scalable
- Every used splitter inside the optical TAP is carefully handled
- Insertion loss is measured before the unit leaves to the customer
- Split ratio can be delivered on demand for single mode version

Product Overview

An optical TAP gives you real-time monitoring access to a physical optical data link without interfering it. Due to the fact that the optical TAP is fully passive (no power supply needed) it is no risk to put it in an active link.

The only thing that needs to be considered is that the TAP brings you additional optical power loss on the active link depending on the splitting ratio used. Except for this, the equipment is fully transparent.

The unit is equipped with standard LC adaptors and is available as singlemode (1310/1550nm) or multimode (850/1300nm) version.

The singlemode TAP is available in 80/20, 50/50 splitting ratios as standard. There are other ratios possible, please contact us for confirmation.

The multimode TAP can be 50/50 or 70/30 as standard. In case other ratios are needed, please contact us.

It is possible to build up to 3 untis in the optional available rackmount kit which will be 19" and 1U height.

Due to the full transparency you can use our optical TAPs for all protocols or data rates up to 100 Gbit.

Every used splitter inside the optical TAP is carefully handled and insertion loss is measured before the unit leaves to the customer.

Product Capabilities / Features

Tapping optical fibres	One link two fibers to two outputs
Fault Propagation	If the link on the input port is going down the output ports will follow without any delay.
LED Indicators	No LEDs
Power Versions	Fully passive
Propagation Delay (In to Out)	No delay at all
MTBF	N/A
Operating Temperature	0 to 55°C
Operating Humidity	80% maximum relative humidity
Physical Dimensions (H x W x D)	3 x 11,2 x 17 cm 1,8 x 4,4 x 6,7 in
Rugged Aluminium Housing	Stable Aluminium Housing with precise connector labelling on front panel. 19" rack mountkit also available

Ordering Information

Product Type & Number	Description
CBR.OPTO-1-SM-R3	Optical TAP, 1 Link SM 1310/1550nm LC, 2 Monitor Ports LC; 1/3 19" rackmount housing, splitting ratio 80%/20% (rackmount kit not included)
CBR.OPTO-1-SM-5-R3	Optical TAP, 1 Link SM 1310/1550nm LC, 2 Monitor Ports LC; 1/3 19" rackmount housing, splitting ratio 50%/50% (rackmount kit not included)
CBR.OPTO-2-SM-R3	Optical TAP, 2 Links SM 1310/1550nm LC, 4 Monitor Ports LC; 1/3 19" rackmount housing, splitting ratio 80%/20% (rackmount kit not included)
CBR.OPTO-2-SM-MM-R3	Optical TAP, 1 Link SM and 1 Link MM LC , 4 Monitor Ports LC; 1/3 19" rackmount housing, splitting ratio 80%/20% SM and 50%/50% MM
CBR.OPTO-1-MM-R3	Optical TAP, 1 Link MM 850/1300nm LC, 2 Monitor Ports LC; 1/3 19" rackmount housing, splitting ratio 50%/50% (rackmount kit not included)
CBR.OPTO-1-MM-7-R3	Optical TAP, 1 Link MM 850/1300nm LC, 2 Monitor Ports LC; 1/3 19" rackmount housing, splitting ratio 70%/30% (rackmount kit not included)
CBR.OPTO-2-MM-R3	Optical TAP, 2 Links MM 850/1300nm LC, 4 Monitors

For more information please check our website **www.cubro.com**