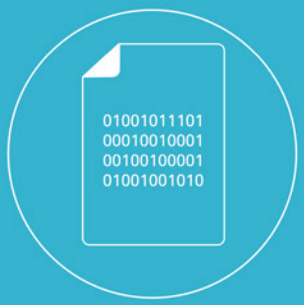
CUBRO
NETWORK VISIBILITY



40 GBIT BIDI TAP

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.

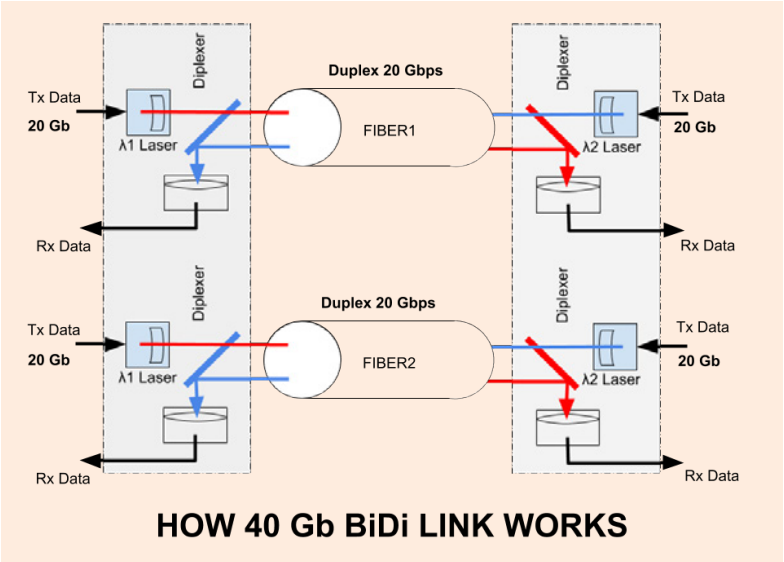
Advantages of BIDI TAPs

- Provide visibility to bidirectional 40 Gb traffic
- Full transparency, adds no delay
- Make 100% copy of network data allowing the monitoring tools to see every bit, byte and packet
- No power supply needed, completely passive
- Flexible and scalable
- Cost effective

Product Overview

Cubro 40 Gb BIDI TAPs provide visibility to bidirectional 40 Gb traffic. The TAPs export monitored traffic gathered from across all four transmit signals, providing complete coverage for analytic and security tools. There are new smart concepts of transporting 40 Gbit over the existing 10 Gbit infrastructure with BIDI QSFP which transports 40 Gbit duplex over only two fibres.

The BIDI QSFP multiplies two 20 Gbit lanes and sends this over a single fibre (bidirectional). See figure 1



HOW 40 Gb BiDi LINK WORKS

Fig. 1

It is a challenge to tap such links, but Cubro can provide a solution to tap such a link and break it down into multiple 20 Gbit streams with the use of the Packetmaster EX32+. See figure 2

Cubro 40 Gb passive BIDI TAP supports Cisco infrastructures using bidirectional 40 Gb transceivers. The TAP, fully passive, is completely transparent and adds no delay to the network.

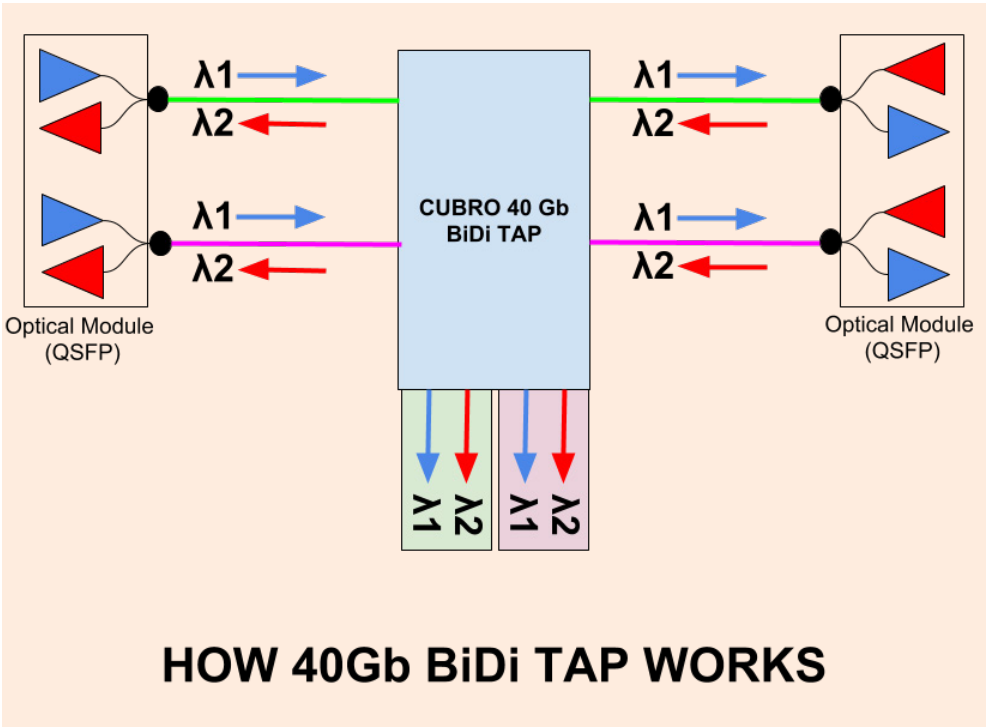


Fig. 2

Functions / Benefits:

- Opens visibility to higher-density 40 Gb BIDI links, leveraging newer bidirectional optics
- Supports Cisco infrastructures using bidirectional 40 Gb transceivers
- 1 and 2 Link versions available

Product Capabilities / Features

Tapping BIDI optical fibres	One link two fibres to two outputs
Fault Propagation	If the link on the input port is going down the output ports will follow with a short delay.
LED Indicator	No LED
No Power Needed	Fully passive
Propagation Delay (Into 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)	480 x 147 x 14,5 mm

Ordering Information

Product Type & Number	Description
CUB.OPTOSLIM-1L-40G-C	Optical BIDI TAP MM, 1 Links CISCO BIDI SR, LC
CUB.OPTOSLIM-2L-40G-C	Optical BIDI TAP MM, 2 Links CISCO BIDI SR, LC

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