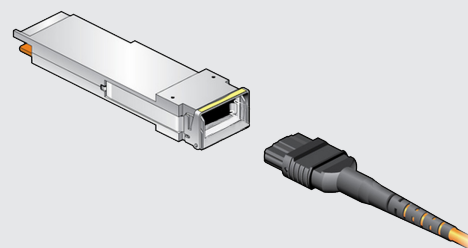


# Cubro 40 Gbit / 100 Gbit MTP TAP

## Functions

### Link

40 Gbit MTP Multimode  
100 Gbit MTP Multimode



### Jumbo Frame Support

The Cubro Aggregation TAP supports jumbo Ethernet frames with a size of up to 9000 Bytes.

### Dual Monitor Output

Each link has two monitoring outputs on for west and one for east.

### Easy use and operation

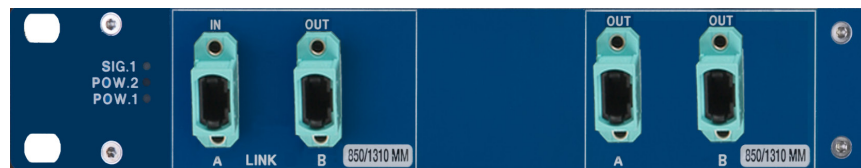
Easy operation and installation.  
No PC or software necessary.  
No bugs, no software-updates means more time for your business.

### LINKSAVE Function

Special LINKSAVE Function enables secure Network Links even if the power supply fails. So the TAP does not influence the network, even if it is not powered.

### Rugged 19" Housing

The Unit is delivered in a ruggedized 19" 1U housing with precise connector labeling on the front panel.



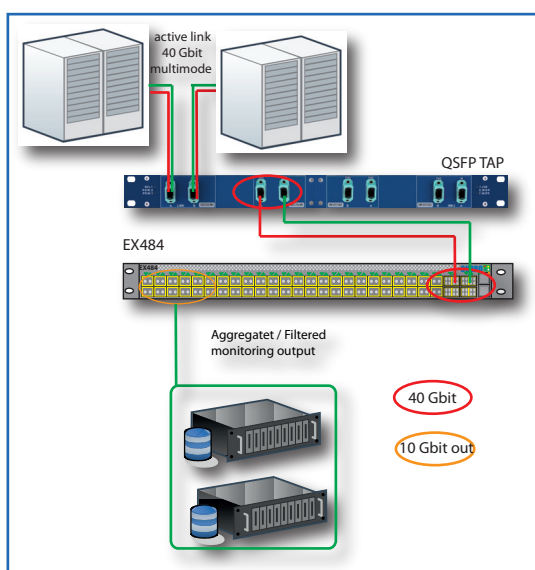
The challenge of taping a 40 Gbit link based on a QSFP, or 100 Gbit with CFP connector is that the QSFP is defined as quad channel interface (Q – quad), this means in fact we have 4 x 10 Gbit. But this 4 x 10 Gbit are in a kind a trunk that means a Ethernet packet is spreading in 4 chunks and send parallel over the 4 fiber links. The 100 Gbit connection on multimode works with 10 fibers in one connector.

A special layer 1 protocol takes care that the receiver knows which the fiber one is two and so on, so that the receivers can reassemble the packet in the right way.

**40 Gbit:** The TAP is connected over MTP connectors (8 fibers) with the QSFP, the output is also MTP which is connected to the input of the Packetmaster 484. The special features in the Packetmaster 484 helps to reassemble the QSFP traffic, and break it down to 10 Gbit or 1 Gbit by filtering.

**100 Gbit:** The TAP is connected over MTP connectors (20 fibers) with the CFP, the output is also MTP which is connected to the input of the Packetmaster 3. The special features in the Packetmaster 3 helps to reassemble the CFP traffic, and break it down to 40 Gbit 10 Gbit or 1 Gbit by filtering.

The Packetmaster 484 has 4 x 40 Gbit ports so it can handle with the TAP two full links, even with full load on the links. The additional 48 10 Gbit/Gbit ports can be used as outputs or as inputs for other traffic.



Designed for highspeed and lossless packet handling.



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