

available
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FL3X TAP 10GBASE-T1

PRELIMINARY

www.flex-product.com

The FL3X TAP 10GBASE-T1 is a TAP device for 10GBASE-T1. With the FL3X TAP 10GBASE-T1, it is possible to mirror data from automotive ethernet connections to any uplink via SFP+ module. All received network data will be provided over CMP (Capture Module Protocol) and PLP (Probe Logger Protocol) to the uplink. It can be completely configured via the configuration website. The datastream will also be forwarded by FL3X TAP 10GBASE-T1 without power supply.

BENEFITS

- 2.5G, 5G and 10GBASE-T1 mode
- 2 TAPs (4 H-MTD Ports) available
- 4 uplinks up to 10Gbit/s per SFP+
- Using ASAM CMP v1.0 and PLP
- 100BASE-TX port for configuration and TimeSync
- TimeSync with PTP support (gPTP /802.1AS, PTPv2)
- Multiple interfaces can be synchronized with PTP (IEEE 1588v2)
- Completely configurable via website
- Timestamps with ns resolution
- Capturing all packets and layers (e.g. AVB/TSN)
- Traffic shaping
- Traffic forwarded while powerless

HARDWARE

Physical characteristics

Connectors	4 x SFP+, 4 x H-MTD, 1 x RJ45, 1 x M9m
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Environmental Conditions

Temperature	Operating /Storage:	n.a.
Relative Humidity	0% – 90% RH, non-condensing	

SCOPE OF DELIVERY

FL3X TAP 10GBASE-T1
Power Cable

ORDER INFORMATION FL3X TAP 10GBASE-T1

Product	Description	Order number
FL3X TAP 10GBASE-T1	10GBASE-T1 TAP module for Automotive Ethernet	3-V1120A01

ORDER INFORMATION ASSECCORIES

Product	Description	Order number
FL3X SFP 1000BASE-T1	1000BASE-T1 SFP transceiver, SPE	3-01110A01
10GBASE-T SFP+ copper module	10GBASE-T SFP+ copper module, RJ45	10020420
10GBASE-T SFP+ optical module	10GBASE-T SFP+ optical module, LC	10020432
1GBASE-T SFP+ copper module	1GBASE-T SFP+ copper module, RJ45	10020431