PluriTAP T-20

Technical Data Sheet

Product Description

T-20 Optical TAP

Microtel T-20 is the solution for totally non-intrusive optical network tapping. It combines the advantages of passive tapping, which avoids any risk of introducing points of weakness in the system, with optimal features of robustness and flexibility.

T-20 operates at 100 Mbps and 1/10/25/40/100/400 Gbps, using LC connectors. The high density chassis hosts up to 24 singlemode and/or multimode TAP modules, each one tapping one single optical link.
T-20 allows to passively monitor full duplex fiber optic links for a combination of multimode and singlemode fibers: OM1, OM3,OM4, OS1, OS2 fibers are supported.

Several split ratios are available: 50/50, 60/40, 70/30, 80/20, 90/10.

Aluminium rack ensures a robust and reliable solution from a mechanical point of view, while strong ergonomic design and a smart locking system guarantee easy insertion and removal of each single module.

T-20 can also be used as optical splitter for SDH-SONET links.

PluriTAP T-20

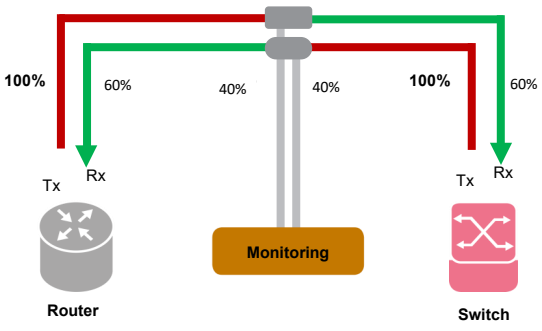
LC Connectors

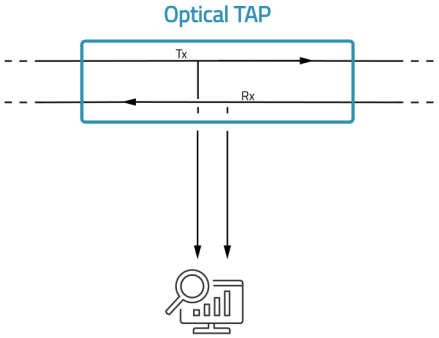
Key features

- **Non intrusive monitoring**
- **No power and no points of failure**
- **All speeds managed in high density chassis**
- **Both for Ethernet and SDH—SONET links**

Highlights

- **Deliver 100% visibility into network traffic preserving top network performances,**
- **Support network speeds from 100Mb/s to 400 Gb/s,**
- **Available singlemode and multimode fiber types,**
- **Forward all full duplex traffic from all layers including errors,**
- **Provide safety from remote attacks as does not require an IP address,**
- **Avoid costly expenses managing SPAN ports.**





PluriTAP T-20 — Technical Specifications

Density	**up to 24 LC single link TAP**
Speed	**100 Mbps, 1/10/25/40/100/400 Gbps** **SDH SONET**
Split ratios	**50/50, 60/40, 70/30, 80/20, 90/10**
Fiber type	**Singlemode 9/125μm . Operating wavelenght: 1310nm and 1550nm** **Multimode 50/125μm and 62,5/125μm. Operating wavelenght: 850nm**

PluriTAP T-20 — Ordering Information

T-20-CH	**19" chassis up to 24 slots, SM Link speed 1/10/25/40/100 Gbps, MM Link speed 1/10 Gbps, LC connector**
T-20-GH-L-zz/LC	**Single link 1/10/25/40/100/400 Gbps , Single-Mode (9/125 μm), LC, select split ratio option "zz" (*)**
T-20-GH-F-zz/LC	**Single link 1/10 Gbps Multi-Mode (50/125 μm), LC, select split ratio option "zz" (**)**
T-20-GH-S-zz/LC	**Single link 1/10 Gbps, Multi-Mode (62,5/125 μm), LC, select split ratio option "zz" (**)**
(*) In case of 25/40/100/400 Gbps links, options "zz"=82 and "zz"=91 cannot be used	
(**) We recommend not to use 70/30 split ratio for 10Gbps multimode links as the optical power margins are too low for the monitoring traffic.	

"zz" option	Split **ratio**	% Network	% Monitor
55	**50/50**	**50**	**50**
64	**60/40**	**60**	**40**
73	**70/30**	**70**	**30**
82	**80/20**	**80**	**20**
91	**90/10**	**90**	**10**

Operating	Power	Dimensions	Regulatory
• **Operating temperature: 0°C to 45°C** • **Storage temperature: —10°C to 70°C** • **Relative Humidity: min 10% max 95% non-condensing**	• **No power needed**	• **Base unit surface or 19" rack mount** • **Dimensions (WxDxH): 483 mm W, 227 mm D, 44 mm H** • **Weight (fully equipped) 3.5 Kg (7 lbs)**	• **ROHS 2** • **CE Mark (2011/65/EU - RoHS Directive)**