

PluriTAP T-20 Optical TAP

Technical Data Sheet

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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 **100Mb/s and 1/10/40/100Gb/s**, 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: **OS1, OM1, OM3, OM4** 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



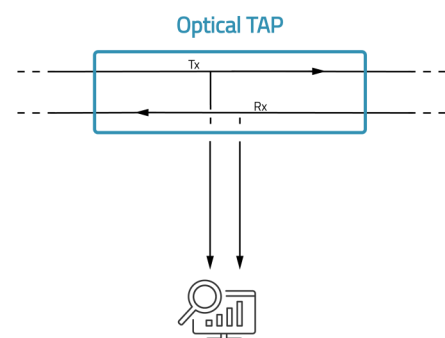
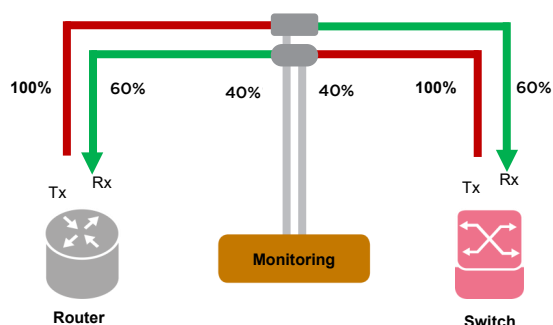
LC Connectors

Highlights

- **Deliver 100% visibility** into network traffic preserving top network performances,
- **Support network speeds** from 100Mb/s to 100 Gb/s,
- Available in **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.

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**



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PluriTAP T-20 – Technical Specifications

Density	up to 24 LC single link TAP
Speed	100 Mb/s, 1/10/40/100 Gb/s SDH SONET
Split ratios	50/50, 60/40, 70/30, 80/20, 90/10
Fiber type	Singlemode 9-125µm (OS1). Operating wavelength: 1310nm and 1550nm Multimode 50-125µm (OM3), 50-125µm (OM4) or 62,5-125µm (OM1). Operating wavelength: 850nm

PluriTAP T-20 – Ordering Information

T-20-CH	19" chassis with 24 slots, can host up to 24 LC single link TAPs
T-20-GH-L-zz/LC	Single link optical TAP 1/10G singlemode (9/125µm – OS1), LC, select split ratio option "zz"
T-20-GH-F-zz/LC	Single link optical TAP 1/10G multimode (50/125µm - OM3), LC, select split ratio option "zz"
T-20-GH-M-zz/LC	Single link optical TAP 1/10G multimode (50/125µm - OM4), LC, select split ratio option "zz"
T-20-GH-S-zz/LC	Single link optical TAP 1/10G multimode (62,5/125µm - OM1), LC, select split ratio option "zz"
T-20-J-L-zz/LC	Single link optical TAP 40G singlemode (9/125 µm – OS1), LC, select split ratio option "zz"
T-20-K-L-zz/LC	Single link optical TAP 100G singlemode, (9/125µm – OS1), LC, select split ratio option "zz"

"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

*As a general rule, we do not recommend using a 70/30 split ratio for 10Gb multimode infrastructures as the light margins are too low for the monitoring traffic.

Operating	Power	Dimensions	Regulatory
<ul style="list-style-type: none"> Operating temperature: 0°C to 45°C Storage temperature: -10°C to 70°C Relative Humidity: min 10% max 95% non-condensing 	<ul style="list-style-type: none"> No power needed 	<ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> ROHS 2 CE Mark (2011/65/EU - RoHS Directive)