

Optical Network Passive TAPs PRODUCTS

Driving Your Next Generation DataCenter

Split Ratio

50/50, 60/40, 70/30, 80/20

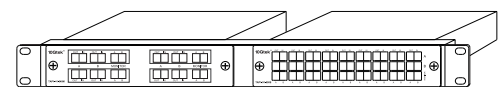
High-density Passive Fiber Optical Network TAPs

The 10Gtek TAP Series is a family of high-density passive fiber optical network TAPs which require no power source to operate. By splitting the light optically, the TAP Series enables network operators to passively monitor full duplex fiber optic links without impacting network traffic. Up to 18 full duplex links can be tapped in a 1RU space, allowing for more visibility with less space and lower costs.

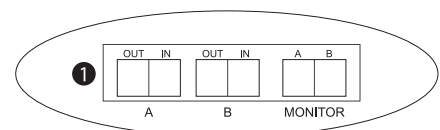
The TAP Series is a modular platform with a 1RU rack-mountable chassis that holds up to 2 TAP modules. Each TAP module supports up to 9 1Gb/10Gb or 9 40Gb/100Gb network links, depending on the model. A combination of multimode (MM) and singlemode (SM) as well as 50/50, 60/40, 70/30, and 80/20 split ratios are available. The modularity not only provides flexibility in choosing link speed, fiber type, and split ratios, but also provides space for future growth of visibility for network security and performance monitoring.

Features & Benefits

- Monitor networks at line rate without impacting performance
- Passive optics: no power, no software, no configuration
- High density, 1RU chassis conserves space and simplifies cabling
- Supports up to 18 full duplex links per chassis
- Thin- film technology provides superior insertion loss for multimode fibers
- Supports 1Gb, 10Gb, 40Gb and 100Gb, singlemode and multimode



10Gtek TAP Modules with Chassis RACK-2A-1U.



Each link is able to tap one network, up to 9 links can be tapped by a TAP module. Monitor (AB) port is supposed to link with endpoint device for network monitoring.

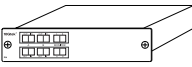
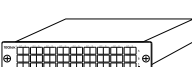
Physical Weight & Dimensions

Part	Height	Width	Depth	Weight
Chassis	1.73in 4.40cm	17.0in 43.2cm	7.60in 19.3cm	1.4lbs 0.64kg
TAP Module	1.51in 3.84cm	6.69in 17.0cm	7.60in 19.3cm	1.1lbs 0.51kg

Ordering Information

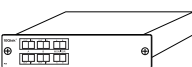
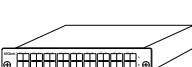
MMF (OM3)

Supports up to 9 network links and single monitor port for each link.

	P/N	Description	Links	Split Ratio	Network Loss	Monitor Loss	Connector
	TAP1-11-550M	1 Link TAP Module, OM3, LC Connector	1	50/50	3.9dB	3.9dB	LC
	TAP1-11-640M	1 Link TAP Module, OM3, LC Connector		60/40	3.0dB	5.0dB	LC
	TAP1-11-730M	1 Link TAP Module, OM3, LC Connector		70/30	2.2dB	6.2dB	LC
	TAP1-11-820M	1 Link TAP Module, OM3, LC Connector		80/20	1.8dB	8.1dB	LC
	TAP1-21-550M	2 Links TAP Module, OM3, LC Connector	2	50/50	3.9dB	3.9dB	LC
	TAP1-21-640M	2 Links TAP Module, OM3, LC Connector		60/40	3.0dB	5.0dB	LC
	TAP1-21-730M	2 Links TAP Module, OM3, LC Connector		70/30	2.2dB	6.2dB	LC
	TAP1-21-820M	2 Links TAP Module, OM3, LC Connector		80/20	1.8dB	8.1dB	LC
	TAP1-41-550M	4 Links TAP Module, OM3, LC Connector	4	50/50	3.9dB	3.9dB	LC
	TAP1-41-640M	4 Links TAP Module, OM3, LC Connector		60/40	3.0dB	5.0dB	LC
	TAP1-41-730M	4 Links TAP Module, OM3, LC Connector		70/30	2.2dB	6.2dB	LC
	TAP1-41-820M	4 Links TAP Module, OM3, LC Connector		80/20	1.8dB	8.1dB	LC
	TAP1-91-550M	9 Links TAP Module, OM3, LC Connector	9	50/50	3.9dB	3.9dB	LC
	TAP1-91-640M	9 Links TAP Module, OM3, LC Connector		60/40	3.0dB	5.0dB	LC
	TAP1-91-730M	9 Links TAP Module, OM3, LC Connector		70/30	2.2dB	6.2dB	LC
	TAP1-91-820M	9 Links TAP Module, OM3, LC Connector		80/20	1.8dB	8.1dB	LC

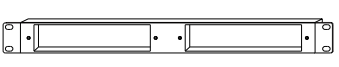
SMF

Supports up to 9 network links and single monitor port for each link.

	P/N	Description	Links	Split Ratio	Network Loss	Monitor Loss	Connector
	TAP1-11-550S	1 Link TAP Module, SMF, LC Connector	1	50/50	3.6dB	3.6dB	LC
	TAP1-11-640S	1 Link TAP Module, SMF, LC Connector		60/40	2.7dB	4.7dB	LC
	TAP1-11-730S	1 Link TAP Module, SMF, LC Connector		70/30	1.9dB	6.0dB	LC
	TAP1-11-820S	1 Link TAP Module, SMF, LC Connector		80/20	1.2dB	7.9dB	LC
	TAP1-21-550S	2 Links TAP Module, SMF, LC Connector	2	50/50	3.6dB	3.6dB	LC
	TAP1-21-640S	2 Links TAP Module, SMF, LC Connector		60/40	2.7dB	4.7dB	LC
	TAP1-21-730S	2 Links TAP Module, SMF, LC Connector		70/30	1.9dB	6.0dB	LC
	TAP1-21-820S	2 Links TAP Module, SMF, LC Connector		80/20	1.2dB	7.9dB	LC
	TAP1-41-550S	4 Links TAP Module, SMF, LC Connector	4	50/50	3.6dB	3.6dB	LC
	TAP1-41-640S	4 Links TAP Module, SMF, LC Connector		60/40	2.7dB	4.7dB	LC
	TAP1-41-730S	4 Links TAP Module, SMF, LC Connector		70/30	1.9dB	6.0dB	LC
	TAP1-41-820S	4 Links TAP Module, SMF, LC Connector		80/20	1.2dB	7.9dB	LC
	TAP1-91-550S	9 Links TAP Module, SMF, LC Connector	9	50/50	3.6dB	3.6dB	LC
	TAP1-91-640S	9 Links TAP Module, SMF, LC Connector		60/40	2.7dB	4.7dB	LC
	TAP1-91-730S	9 Links TAP Module, SMF, LC Connector		70/30	1.9dB	6.0dB	LC
	TAP1-91-820S	9 Links TAP Module, SMF, LC Connector		80/20	1.2dB	7.9dB	LC

Chassis

Supports all the 10Gtek TAP modules.

P/N	Description
 RACK-2A-1U	10Gtek 1 RU chassis, supports up to 2 TAP modules.

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