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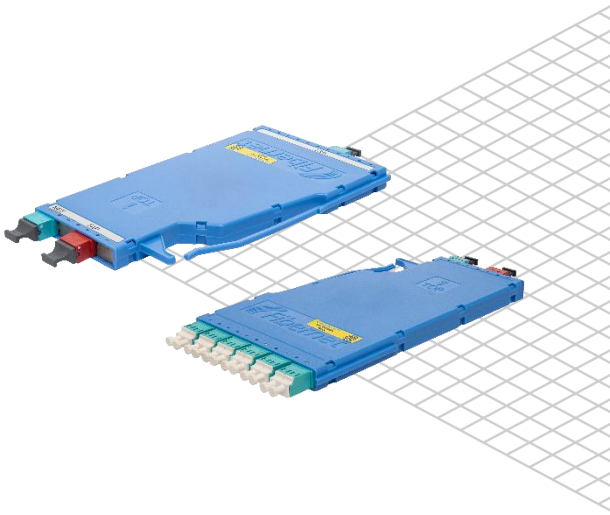
Rev.3.0 – March 2020

STAR MTP®–TAP Modules



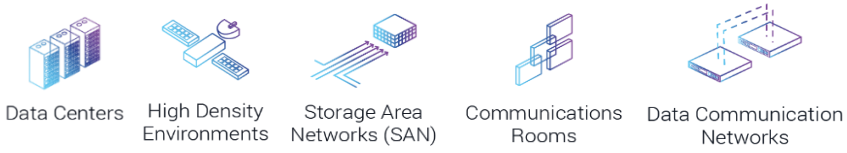
The STAR TAP Module is a module with fiber optic splitters, used to divide each optical signal into two outputs. One output is used for live traffic, and the other output is used for monitoring.

The module enables the monitoring equipment to connect to the existing, high-density network infrastructure, saving valuable space, and providing flexibility to connect the monitoring equipment on demand, without interfering with the live network traffic. The modules are available in the following pre-terminated configurations:

MTP® to 12 LC with rear TAP connection

MTP® to MTP® with rear TAP connection

MTP® to MTP® with front TAP connection



FEATURES

- Compatible for use with all STAR ODF types
- Supports 10G Ethernet, parallel optics up to 40G, and up to 16G fiber channel
- Enables changes to the monitored ports without disrupting the live network, for minimum downtime
- All LC Fibers and Ports are individually tested for IL and RL, and individually numbered for easy identification
- Interferometer testing on each connector's ferrule geometry
- The LC adapters come with built in shutters to ensure maximum safety from invisible laser beams.
- The connectors are fitted with dust caps to provide protection from dust and debris
- Uses low-loss, advanced multimode splitter technology for reaching greater distances

STANDARDS

Compliant with the following standards:

- IEEE 802.3ae 10Gb/s
- IEEE 802.3ba-2010 40Gb/s
- Bend-Insensitive fibers: MM OM3 applicable to IEC 60793-2-10 type A1a.2, MM OM4 applicable to 60793-2-10 type A1a.3, MM OM5 applicable to 60793-2-10 type A1a. 4, and SM applicable to ITU-T G657A2
- TELCORDIA GR-449-CORE:
- IEC 61754-7, IEC 61754-20, IEC 60793-1, IEC 61755-3, IEC 11801 (OS2, OM3 OM4, OM5), IEC 60794-1, IEC 60794-2, IEC 60874
- TIA-604-5 (MPO FOCIS 5), TIA-604-10 (LC FOCIS 10), TIA 568-C.3, TIA-492.AAAC, TIA-492.AAAD, TIA-942-A,
- ITU-T G.651
- RoHS
- UL94-V-0

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SPECIFICATIONS

PARAMETER	TAP 50/50			TAP 70/30		
Ratio Coupling	50/50			70/30		
Fiber Type	9 µm SM	50 µm OM4	50 µm OM5	9 µm SM	50 µm OM4	50 µm OM5
Splitter Loss Live/TAP	3.6/3.6 dB	3.8/3.8 dB	3.8/3.8 dB	2.0/6.0 dB	1.8/6.6 dB	1.8/606 dB
MTP® Connector Insertion Loss	0.35 dB	0.3 dB	0.3 dB	0.35 dB	0.3 dB	0.3 dB
LC Insertion Loss	0.15 dB	0.15 dB	0.15 dB	0.15 dB	0.15 dB	0.15 dB
Operating Temperature	-10° ~ +60°C					
Dimensions (D x W x H)	180 x98 x12 mm (7" x 3.9" x 0.5")					
Weight	TAP Module with LC connectors 18 g (6.3 oz) TAP Module with MTP Connectors 16 g (5.6 oz)					

SHIPPING INFORMATIONS

PARAMETER	LENGTH	WIDTH	HEIGHTH
Dimensions (cardboard carton)	233 mm (9.17")	123 mm (4.84")	40 mm (1.57")
Packed weight	TAP Module with LC connectors 18 g (6.3 oz) TAP Module with MTP Connectors 16 g (5.6 oz)		

BUILD YOUR ORDER

Example:

FSTAR-T-GLC70

STAR MTP to 12LC Tap Module with 70:30 Split Ration, Not Tap Port

FSTAR-T X XX XX X

Fiber Type	
G	OM3 BI
O	OM4 BI
W	OM5 BI
7	G.657/A2 BI

Adapter in Front	
LC	12 LC
MT	MTP

Split Ration Live/Tap	
50	50:50
70	70:30
80	80:20
90	90:10

Tap Port Location	
None	Front
F	Rear