

## STAR400 TAP Modules

The STAR400 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 8 LC with rear TAP connection

MTP® to MTP® with rear TAP connection

MTP® to MTP® with front TAP connection



Data Centers



High Density Environments



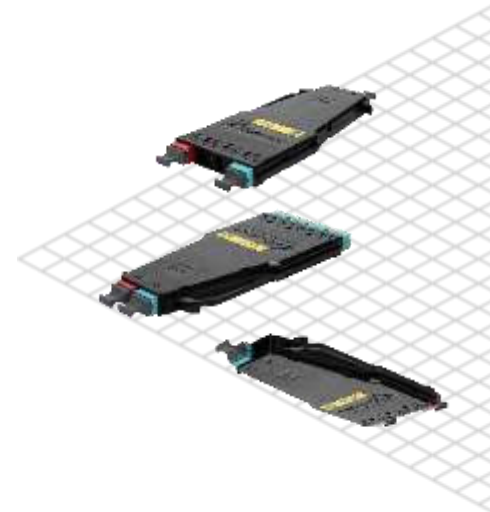
Storage Area Networks (SAN)



Communications Rooms



Data Communication Networks



## FEATURES

- Compatible for use with STAR400-1U, 1U FX, STAR400-2U and STAR400 4U
- 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

## SPECIFICATIONS

PARAMETER	VALUE
MTP® Connector Insertion Loss	0.3 dB
LC Connector Insertion Loss	0.15 dB
(%) Ratio	1/99, 5/95, 10/90, 20/80, 30/70, 40/60, 50/50 Other Ratio are available upon customer request
Insertion Loss (dB)	3.1~25 (Depending on the Structure)
Return Loss (dB)	≥55
Fiber Type	50 μm OM4
Operating Temperature	-20°C ~ +70°C

[%] COUPLING RATIO	MODE-PREMIUM SINGLE	MODE-PREMIUM MULTI
50/50	3.1/3.1	3.35/3.35
40/60	4.13/1.65	4.25/1.7
30/70	5.15/1.54	5.35/1.6
20/80	7.15/1.43	7.25/1.45
10/90	10.2/1.02	10.35/1.03
5/95	13.1/0.65	13.65/0.68
1/99	21.0/0.21	22.1/0.22

## SHIPPING INFORMATIONS

PARAMETER	LENGTH	WIDTH	HEIGHT
(cardboard carton) Dimensions	200 mm (7.9 ins.)	108 mm (4.25 ins.)	10 mm (0.4 ins)
Packed weight	0.2 kg ( 0.44 lbs.)		

## BUILD YOUR ORDER

### Example:

STAR400-T-GLC70

STAR400 MTP to 8 LC TAP Module with 70/30 Split Ratio

