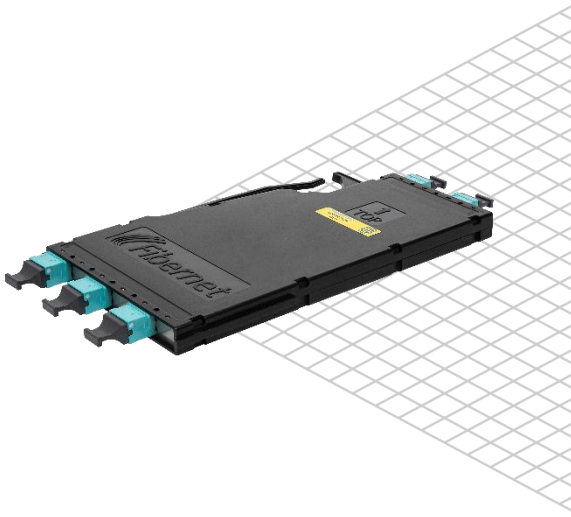
Fibernet
DESIGNING YOUR GREATNESS

Rev.3.0 – March 2020

STAR MTP® Conversion 40G/100G



The STAR MTP® Conversion 40G modules are a high-density pre-terminated solution with 12-Fiber MTP® adapters in the rear for mating to backbone trunks and breakout to 8-fiber MTP adapters in the front for connectivity to 40G/100G ports. The STAR MTP® Conversion 40G modules are available in two pre-terminated configurations:

- 2x3 – Two 12-fiber MTP® adapters in the rear and three 8-fiber MTP adapters in the front.
- 4x6 – Four 12-fiber MTP® adapters in the rear and six 8-fiber MTP adapters in the front.

Data Centers | High Density Environments | Storage Area Networks (SAN) | Communications Rooms | Data Communication Networks

FEATURES

- Compatible for use with all Star ODF series
- Versatile high-density pre-terminated solution in a compact, space-saving design for easy installation, improved performance and minimum downtime in the data center
- Conversion modules fully utilize all 12 fibers and are available in a 2x3 or double density 4x6 configurations
- Features low loss performance and delivers optimum insertion loss and return loss (IL&RL)
- Designed with bend insensitive fibers to allow greater routing flexibility in constrained space without risk of damage to fibers
- Sliding pull-out trays provide enhanced access to the front, side and rear for quick loading or removal of modules and smooth cable management
- Individual MTP® port numbering and dust caps for easy identification
- MTP® adapter with internal shutter provides maximum protection from dust and debris and eliminates eye exposure to lasers

STANDARDS

Compliant with the following standards:

- IEEE 802.3ab-2010 - ETL lab verified (up to 100G Ethernet)
- IEEE 802.3ba 40Gb/s and 100Gb/s
- IEEE 802.3ae 10Gb/s
- IEC 60793-2-10:2019, applicable to A1-OM3, A1-OM4 and A1-OM5
- IEC 11801, applicable to OM3, OM4 and OM5 or SM G.657A2
- TIA-942-A
- 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 and IEC 60874
- TIA-604-5 (MPO FOCIS 5), TIA 568-C.3 TIA-492.AAAC, TIA-492.AAAD, TIA 568- C.3, TIA-942-A
- UL94-V-0
- ITU-T G.651
- EIA-310
- RoHS
- Ferrule geometry and IL& RL testing

SPECIFICATIONS

PARAMETER	2x3	4x6
fiber MTP connections (rear)-12	2	4
fiber MTP connections (front)-8	3	6
Adapter Color	Aqua for OM3/4 Lemon Green for OM5	
Module Insertion Loss (max.)	0.5 dB	
Max. Insertion Loss Per Connection	0.3 dB	
Operation Temperature	-10 ~ +60 °C	
Dimensions (D x W x H)	180 x 98 x 12 mm	

SHIPPING INFORMATIONS

PARAMETER	LENGTH	WIDTH	HEIGHTH
(cardboard carton) Dimensions	180 mm (7 in.)	98 mm (3.9 in.)	12 mm (.5 in.)
Packed weight	0.22 kg (0.5 lbs.)		

BUILD YOUR ORDER

Example:

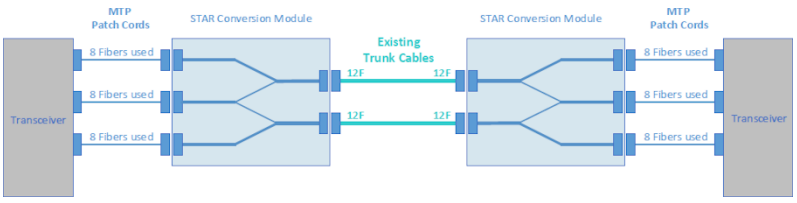
FSTAR-C-GMTUL23 : OM4 F, 2x12F MTP TO 3x8f MTP Module

FSTAR-C-GMTUL46 : OM4 F, 4x 12f MTP TO 6x 8f MTP Module

FSTAR-C-X MTUL XX

Fiber Type	
O	OM3 BI
G	OM4 BI
W	OM5 BI

Type MTP	
23	2 x 12f MTP to 3x 8f MTP
46	4 x 12f MTP to 6 x 8f MTP



Utilizing all trunk cable fibers for 40G Data Center, saving 33% in cabling volume