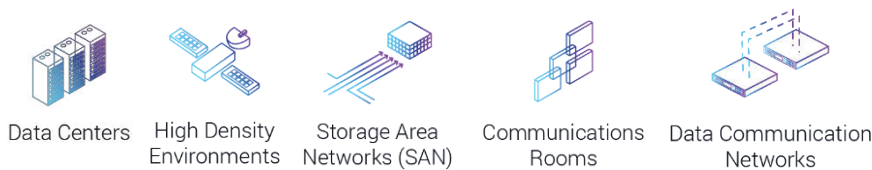


FMT - Fiber Optic Modules

The Fiber Optic Modules are assembled in the FMT sub-rack series: 3 modules in 1U panels and 12 modules in 3U panels. The modular design offers two types of modules:

- Fast Connection modules with a front LC, SC or MTP connection panel and MTP connection at the rear panel.
- Splicing modules with a front LC, SC connection panel and splice tray for splicing the pigtails.



FEATURES

- Compatible for use with all STAR ODF series
- Plug and Play modules provide a quick and efficient way to deploy up to 24 LC/MTP or 12 SC fibers on one module
- High-density modular solution accommodating 12/24 front LC connectors and 1 or 2 rear-mounted MTP® adapters
- LC adapter with internal shutter eliminates eye exposure to lasers and all SC and LC connectors include dust caps for maximum protection from dust and debris
- IL/RL (Insertion Loss and Return Loss) testing and interferometer testing for ferrule geometry for every fiber to ensure high-quality performance
- Fully documented cables including individually printed serial numbers make identification easier
- Additional adapters available upon request

STANDARDS

Compliant with the following standards:

- IEEE 802.3ab-2010 - ETL lab verified (up to 100G Ethernet)
- IEEE 802.3ba - ETL lab verified (40Gb/s)
- IEEE 802.3ae 10 Gb/sec
- IEC 60793-2-10:2019, applicable to A1-OM3 and A1-OM4
- ITU-T G.657.A2 for SM
- GR-1435-CORE
- IEC 61754-20, IEC 61754-7, IEC 60793-1, IEC 61755-3, IEC 11801 (OS2, OM3, OM4),
- ITU-T G.651
- TIA-604-10 (SC FOCIS 3), TIA-604-10 (LC FOCIS 10), TIA 568-C.3, TIA-492.AAAC-A, TIA-492.AAAD, TIA-942, IEC 60794-1, and IEC 60874
- UL94-V-0
RoHS

SPECIFICATIONS

| Parameter | Multimode | | Singlemode | |
|-----------------------|---|----------|---------------|----------|
| | Standard Loss | Low Loss | Standard Loss | Low Loss |
| Fiber Type | OM1/OM2 | OM3/OM4 | SM | G657A2 |
| Max. Module I.L | 0.8dB | 0.5dB | 1.0dB | 0.75dB |
| Max. Module R.L | 35 dB | | 60 dB | |
| Operating Temperature | -10°C ~ +60°C | | | |
| Color | Front Panel – Black, Other - Metallic alloy | | | |

BUILD YOUR ORDER

Splicing Modules:

| Fiber Type | | No. of Pigtails | | Adapter Type | | No. of Pigtails | | Polish Type | | Method | |
|------------|-----------|-----------------|-------|--------------|---------|-----------------|------|-------------|-------------------------|--------|----------|
| T | 50/125 | 1 | ST | 1 | Simplex | 0 | None | N | Normal | A | Method A |
| M | 62.5/125 | 2 | FC | 2 | Duplex | 4 | 4 | P | PC | | |
| O | OM3 BI | 3 | E2000 | 4 | Quad | 6 | 6 | U | UPC | | |
| G | OM4 BI | 4 | SC | | | 8 | 8 | A | APC | | |
| 7 | G657A2 BI | 5 | LC | | | 12 | 12 | T | Tray without Pigtails | | |
| S | 9/125 | 6 | MU | | | 24 | 24 | X | No Tray and No Pigtails | | |
| | | M | MTP | | | | | | | | |

BI=Bend Insensitive

Fast Connection Modules:

| F M T | | Front Adapter Type | | Fiber Type | | No. of Fibers | | Front Adapter Polish Type | | Method | |
|-------|--------|--------------------|----|------------|-----------|---------------|-----------|---------------------------|-----|--------|----------|
| None | 2 MTP® | S | SC | 5 | 50/125 | 12 | 12 Fibers | U | UPC | A | Method A |
| 24 | 1 MTP® | L | LC | 6 | 62.5/125 | 24 | 24 Fibers | A | APC | | |
| | | | | 7 | G657A2 BI | | | | | | |
| | | | | 9 | 9/125 | | | | | | |
| | | | | O | OM3 BI | | | | | | |
| | | | | G | OM4 BI | | | | | | |

Note: For Blank Panel: **F M T - BP**