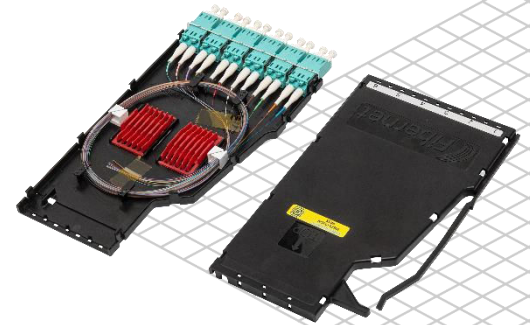# STAR Fusion Splice Module

STAR Fusion splice module provides easy and reliable termination of splice cables with LC connectors. This high-density solution is ideal to accommodate 12 fusion splices in a compact design and features superior performance, port identification and fiber accessibility. The strong fiber management system enables slack management and bend radius protection for deployments in structured cabling networks of up to 100 Gb/sec Ethernet.
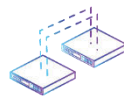
Data Centers   High Density Environments   Storage Area Networks (SAN)   Communications Rooms   Data Communication Networks

FEATURES

- Compatible for use with all STAR ODF series
- High-density compact solution accommodates 12 fusion splices, 12 LC pigtails and 6 LC duplex adapters in minimum space
- Includes all required parts and accessories for fast splicing, easy installation and smoother MACs
- Equipped with individually numbered fiber ports and a 12-pack color-coded pigtail kit for faster connector identification
- Removable top cover and sliding pull-out trays provide enhanced access to front, side and rear for quick loading and removal of modules
- Designed with bend insensitive Uniboot fiber patch cord to offer greater routing flexibility in constrained space without damaging fibers and to reduce front cabling volume by up to 50% compared to duplex patch cords
- LC adapter with internal shutter provides maximum protection from lasers
- Specially designed protector sleeves provide support and protection of the fusion splice
- Strong fiber management system provides slack storage and bend radius protection
- Designed to hold a 12-fiber tube bundled under a 3mm diameter jacket coated with aramid (Kevlar) reinforcement

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, A1-OM5
- ITU-T G.657.A2
- IEC 11801, applicable for OS2, OM3, OM4 and OM5 or SM G.657A2
- TIA-942-A
- Insertion Loss & Return Loss (IL&RL) Test
- GR-449-CORE
- IEC 61754-7, IEC 61754-20, IEC 60793-1, IEC 61755-3, IEC 60794-1, IEC 60794-2 and IEC 60874.
- TIA-604-10 (LC FOCIS 10), TIA 568-C.3 TIA-492.AAAC, TIA-492.AAAD, TIA 568- C.3, TIA-942-A
- ITU-T G.651
- UL94-V-0
- EIA-310
- RoHS
-

SPECIFICATIONS

PARAMETER	MODE-MULTI	MODE-SINGLE
LC Connection Insertion Loss	0.1 dB Typical 0.15 dB Maximum	
Return Loss	>-35 dB	>-55 dB Min. (8° Angle Polish) >-65 dB Min. (Ultra Polish)
Operating Temperature	-10°C ~ +60°C	
Dimensions (D x W x H)	168 x 98 x 12 mm	

SHIPPING INFORMATIONS

PARAMETER	LENGTH	WIDTH	HEIGHTH
(cardboard carton) Dimensions	233 (9.2")	123 (4.8")	40 (1.6")
Packed weight	0.2 kg (0.44 lbs.)		

BUILD YOUR ORDER

Example:

FSTAR-S-GLCU12

Fiber type: OM4 BI, LC, Polish Type: UPC, 12 pigtails splice module

FSTAR-S-XLCX12

Fiber Type	
O	OM3 BI
G	OM4 BI
W	OM5 BI
7	G657A2 BI

Polish Type	
U	UPC
A	APC

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