

# Fibre Connectivity

---

System Catalogue



## Optical Fibre Cabling System for Buildings and Campuses

Modern network infrastructure for buildings and campuses need to support a wide variety of networked applications – data, security & surveillance, AV, connected building systems, - to name a few. With increasing bandwidth and latency requirements of these varied applications, and ever-increasing network speeds driven by advances in technologies, STL Optical Fibre Cabling Systems for buildings and campuses provide robust, end-to-end, cost-effective connectivity solutions for telecommunication rooms, campus and edge data centres. STL Optical Fibre Cabling systems and components meet optical performance specifications of TIA 568 as well as assure performance requirements of IEEE specified interfaces up to 100G and beyond.

STL designs and manufactures a comprehensive range of fibre optic cables and connectivity products for both indoor and outdoor applications. STL fibre optic cabling and connectivity systems are ideal for application within premises, inter and intra-building backbone connectivity for campuses. STLs wide range of products offering from outdoor armoured fibre optic cables, Indoor riser cables, joint closures, wall mount boxes, modular splice & patch panels, pigtails and patch cord ensure reliable and seamless connectivity from outside to inside. The products are designed, manufactured and tested in a state-of-the-art manufacturing facility meeting and or exceeding international standards in both performance and safety. The end-to-end connectivity solution is offered in single mode, multimode OM3 and OM4 fibre types.

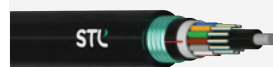
Optical Fibre cables are available in tight-buffered style for indoor riser applications, while outdoor, gel-filled, steel-tape armored cables are available for direct buried as well as ducted outdoor applications. Cable constructions support from 6-fibres to 144-fibres, while higher fibre counts up to 6912 fibres can be supported in bonded ribbon designs. Optical fibre splice and patch panels are available to support up to 96 fibres in 1U and 192 fibres in 2U.

Covered with a 25-year system performance warranty, STL Optical Fibre Cabling system is the ideal choice for current and future connectivity requirements both outdoor and indoor connectivity for buildings and campuses.

## Quick Ordering Information:

### Optical Fibre Cabling System – Single Mode

#### Cable<sup>1</sup>



#### Part Number

#### Description

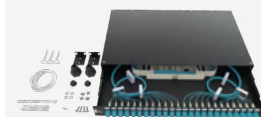
M30006S106NTL10000	6-core, SM, tight buffered, LSZH cable
M30012S112NTL10000	12-core, SM, tight buffered, LSZH cable
M30024S124NTL10000	24-core, SM, tight buffered, LSZH cable
G10006S101GUB10000	6-core, SM, uni-tube, gel-filled, Steel-tape armoured, PE Jacketed cable
G10012S101GUB10000	12-core, SM, uni-tube, gel-filled, Steel-tape armoured, PE Jacketed cable
B10024S102GAP10100	24-core, SM, multi-tube, gel-filled, Steel-tape armoured, PE Jacketed cable

#### Part Number

#### Description

NXFMR06MS00BLPD1GD	6-fibre, Fibre optic patch panel 1RU, loaded with duplex SM LC adapters & fusion splice tray
NXFMR12MS00BLPD1GD	12-fibre, Fibre optic patch panel 1RU, loaded with duplex SM LC adapters & fusion splice tray
NXFMR24MS00BLPD1GD	24-fibre, Fibre optic patch panel 1RU, loaded with duplex SM LC adapters & fusion splice tray
NXFMR48MS00BLPD1GD	48-fibre, Fibre optic patch panel 1RU, loaded with duplex SM LC adapters & fusion splice tray

#### Fibre Splice & Patch Panel<sup>1</sup>



#### Pigtail<sup>1</sup>



#### Part Number

#### Description

EPT509B091WHL1X5	Optical Fibre Pigtail, LC/UPC SM, 0.9mm LSZH, 1.5M
------------------	--

**Note:** <sup>1</sup> More options available on request. Please contact us

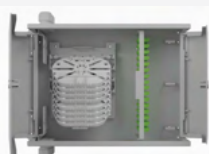
## Optical Fibre Cabling System – Single Mode

Part Number	Description
EPP5509D182YLL001	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, SM, A-B/B-A, LSZH, Yellow 1M
EPP5509D182YLL002	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, SM, A-B/B-A, LSZH, Yellow 2M
EPP5509D182YLL003	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, SM, A-B/B-A, LSZH, Yellow 3M
EPP5509D182YLL005	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, SM, A-B/B-A, LSZH, Yellow 5M
EPP5509D182YLL010	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, SM, A-B/B-A, LSZH, Yellow 10M

### Patch Cords<sup>1</sup>



### Wall Mount Splice and Patch Panel<sup>1</sup>



Part Number	Description
FW06LPDB00SW09	6-fibre, wall-mount Fibre optic patch panel, loaded with duplex SM LC adapters & fusion splice tray
FW12LPDB00SW09	12-fibre, wall-mount Fibre optic patch panel, loaded with duplex SM LC adapters & fusion splice tray
FW24LPDB00SW09	24-fibre, wall-mount Fibre optic patch panel, loaded with duplex SM LC adapters & fusion splice tray
FW48LPDB00SW09	48-fibre, wall-mount Fibre optic patch panel, loaded with duplex SM LC adapters & fusion splice tray

Part Number	Description
FKMJC00601D0	Joint closure, Dome-style, 6-Fibres
FKMJC01201D0	Joint closure, Dome-style, 12-Fibres
FKMJC02402D0	Joint closure, Dome-style, 24-Fibres
FKFJC00601D0	Joint closure, Flat, 6-Fibres
FKFJC01201D0	Joint closure, Flat, 12-Fibres
FKFJC02402D0	Joint closure, Flat, 24-Fibres

### Joint Closure<sup>2</sup>



**Note:** <sup>1</sup> More options available on request. Please contact us

<sup>2</sup> Please refer data sheets for list of accessories included.



## Quick Ordering Information:

### Optical Fibre Cabling System – MMOM3

#### Cable<sup>1</sup>



Part Number	Description
M30006M306NTL10000	6-core, MM OM3, tight buffered, LSZH cable
M30012M312NTL10000	12-core, OM3, tight buffered, LSZH cable
M30024M324NTL10000	24-core, MM OM3, tight buffered, LSZH cable
G10006M301GUB10000	6-core, MM OM3, uni-tube, gel-filled, Steel-tape armoured, PE Jacketed cable
G10012M301GUB10000	12-core, MM OM3, uni-tube, gel-filled, Steel-tape armoured, PE Jacketed cable
B10024M302GAP10100	24-core, MM OM3, multi-tube, gel-filled, Steel-tape armoured, PE Jacketed cable

#### Part Number

#### Description

NXFMR06MS00BLPD1O4	6-fibre, Fibre optic patch panel 1RU, loaded with duplex MM OM4 LC adapters & fusion splice tray
NXFMR12MS00BLPD1O4	12-fibre, Fibre optic patch panel 1RU, loaded with duplex MM OM4 LC adapters & fusion splice tray
NXFMR24MS00BLPD1O4	24-fibre, Fibre optic patch panel 1RU, loaded with duplex MM OM4 LC adapters & fusion splice tray
NXFMR48MS00BLPD1O4	48-fibre, Fibre optic patch panel 1RU, loaded with duplex MM OM4 LC adapters & fusion splice tray

#### Fibre Splice & Patch Panel<sup>1</sup>



#### Pigtail<sup>1</sup>



Part Number	Description
EPT503B091AQL1X5	Optical Fibre Pigtail, LC/UPC MM OM3, 0.9mm LSZH, 1.5M

**Note:** <sup>1</sup> More options available on request. Please contact us

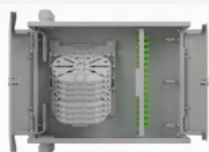
## Optical Fibre Cabling System – MMOM3

Part Number	Description
EPP55O3D182AQL001	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, OM3, A-B/B-A, LSZH, Aqua 1M
EPP55O3D182AQL002	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, OM3, A-B/B-A, LSZH, Aqua 2M
EPP55O3D182AQL003	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, OM3, A-B/B-A, LSZH, Aqua 3M
EPP55O3D182AQL005	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, OM3, A-B/B-A, LSZH, Aqua 5M
EPP55O3D182AQL010	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, OM3, A-B/B-A, LSZH, Aqua 10M

### Patch Cords<sup>1</sup>



### Wall Mount Splice and Patch Panel<sup>1</sup>



Part Number	Description
FW06LPDB00SWO4	6-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM4 LC adapters & fusion splice tray
FW12LPDB00SWO4	12-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM4 LC adapters & fusion splice tray
FW24LPDB00SWO4	24-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM4 LC adapters & fusion splice tray
FW48LPDB00SWO4	48-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM4 LC adapters & fusion splice tray

Part Number	Description
FKMJC00601D0	Joint closure Dome 6F Burial with accessories
FKMJC01201D0	Joint closure Dome 12F Burial with accessories
FKMJC02402D0	Joint closure Dome 24F Burial with accessories
FKFJC00601D0	Joint closure Flat 6F Burial with accessories
FKFJC01201D0	Joint closure Flat 12F Burial with accessories
FKFJC02402D0	Joint closure Flat 24F Burial with accessories

### Joint Closure<sup>2</sup>



**Note:** <sup>1</sup> More options available on request. Please contact us

<sup>2</sup> Please refer data sheets for list of accessories included.



## Quick Ordering Information:

### Optical Fibre Cabling System – MMOM4

#### Cable<sup>1</sup>



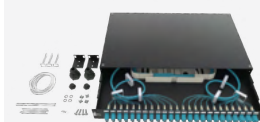
Part Number	Description
M30006M406NTL10000	6-core, MM OM4, tight buffered, LSZH cable
M30012M412NTL10000	12-core, OM4, tight buffered, LSZH cable
M30024M424NTL10000	24-core, MM OM4, tight buffered, LSZH cable
G10006M401GUB10000	6-core, MM OM4, uni-tube, gel-filled, Steel-tape armoured, PE Jacketed cable
G10012M401GUB10000	12-core, MM OM4, uni-tube, gel-filled, Steel-tape armoured, PE Jacketed cable
B10024M402GAP10100	24-core, MM OM4, multi-tube, gel-filled, Steel-tape armoured, PE Jacketed cable

#### Part Number

#### Description

NXFMR06MS00BLPD1O4	6-fibre, Fibre optic patch panel 1RU, loaded with duplex MM OM4 LC adapters & fusion splice tray
NXFMR12MS00BLPD1O4	12-fibre, Fibre optic patch panel 1RU, loaded with duplex MM OM4 LC adapters & fusion splice tray
NXFMR24MS00BLPD1O4	24-fibre, Fibre optic patch panel 1RU, loaded with duplex MM OM4 LC adapters & fusion splice tray
NXFMR48MS00BLPD1O4	48-fibre, Fibre optic patch panel 1RU, loaded with duplex MM OM4 LC adapters & fusion splice tray

#### Fibre Splice & Patch Panel<sup>1</sup>



#### Pigtail<sup>1</sup>



Part Number	Description
EPT504B091AQL1X5	FO Pigtail LC/UPC MMOM4 0.9mm LSZH AQ 1.5M

**Note:** <sup>1</sup> More options available on request. Please contact us

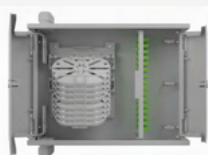
## Optical Fibre Cabling System – MMOM4

Part Number	Description
EPP55O4D182AQL001	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, OM4, A-B/B-A, LSZH, Aqua 1M
EPP55O4D182AQL002	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, OM4, A-B/B-A, LSZH, Aqua 2M
EPP55O4D182AQL003	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, OM4, A-B/B-A, LSZH, Aqua 3M
EPP55O4D182AQL005	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, OM4, A-B/B-A, LSZH, Aqua 5M
EPP55O4D182AQL010	Optical Fibre Patch Cord Duplex, 1.8mm Jacketed, LC/UPC to LC/UPC, OM4, A-B/B-A, LSZH, Aqua 10M

### Patch Cords<sup>1</sup>



### Wall Mount Splice and Patch Panel<sup>1</sup>



Part Number	Description
FW06LPDB00SWO4	6-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM4 LC adapters & fusion splice tray
FW12LPDB00SWO4	12-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM4 LC adapters & fusion splice tray
FW24LPDB00SWO4	24-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM4 LC adapters & fusion splice tray
FW48LPDB00SWO4	48-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM4 LC adapters & fusion splice tray

Part Number	Description
FKMJC00601D0	Joint closure Dome 6F Burial with accessories
FKMJC01201D0	Joint closure Dome 12F Burial with accessories
FKMJC02402D0	Joint closure Dome 24F Burial with accessories
FKFJC00601D0	Joint closure Flat 6F Burial with accessories
FKFJC01201D0	Joint closure Flat 12F Burial with accessories
FKFJC02402D0	Joint closure Flat 24F Burial with accessories

### Joint Closure<sup>2</sup>



**Note:** <sup>1</sup> More options available on request. Please contact us

<sup>2</sup> Please refer data sheets for list of accessories included.















## About STL - Sterlite Technologies Ltd

### A leading optical and digital solutions company

STL is a leading global optical and digital solutions company providing advanced offerings to build 5G, Rural, FTTx, Enterprise and Data Centre networks. The company, driven by its purpose of 'Transforming Billions of Lives by Connecting the World', designs and manufactures in 4 continents with customers in more than 100 countries. Telecom operators, cloud companies, citizen networks, and large enterprises recognize and rely on STL for advanced capabilities in Optical Connectivity, Global Services, and Digital and Technology solutions to build ubiquitous and future-ready digital networks. STL's business goals are driven by customer-centricity, R&D and sustainability. Championing sustainable manufacturing, the company has committed to achieve Net Zero emissions by 2030. With top talent from 30+ nationalities, STL has earned numerous 'Great Place to Work' awards and been voted as the 'Best Organisation for Women'.

STL has a strong global presence in India, Italy, the UK, the USA, China and Brazil.

1.3/052025

stl.tech