

# Fibre Connectivity

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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 centers. 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, loaded with duplex SM LC adapters & fusion splice tray  |
| NXFMR12MS00BLPD1GD | 12-fibre Fibre optic patch panel, loaded with duplex SM LC adapters & fusion splice tray |
| NXFMR24MS00BLPD1GD | 24-fibre Fibre optic patch panel, loaded with duplex SM LC adapters & fusion splice tray |
| NXFMR48MS00BLPD1GD | 48-fibre Fibre optic patch panel, 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

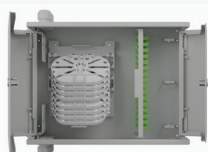
## Optical Fibre Cabling System – Single Mode

| Part Number       | Description                                                                     |
|-------------------|---------------------------------------------------------------------------------|
| EPP5509D182YLL001 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, SM, LSZH 1M  |
| EPP5509D182YLL002 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, SM, LSZH 2M  |
| EPP5509D182YLL003 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, SM, LSZH 3M  |
| EPP5509D182YLL005 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, SM, LSZH 5M  |
| EPP5509D182YLL010 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, SM, LSZH 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, loaded with duplex MM OM3/OM4 LC adapters & fusion splice tray  |
| NXFMR12MS00BLPD1O4 | 12-fibre Fibre optic patch panel, loaded with duplex MM OM3/OM4 LC adapters & fusion splice tray |
| NXFMR24MS00BLPD1O4 | 24-fibre Fibre optic patch panel, loaded with duplex MM OM3/OM4 LC adapters & fusion splice tray |
| NXFMR48MS00BLPD1O4 | 48-fibre Fibre optic patch panel, loaded with duplex MM OM3/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

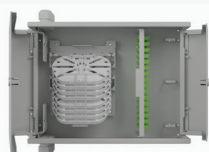
## Optical Fibre Cabling System – MMOM3

| Part Number       | Description                                                                         |
|-------------------|-------------------------------------------------------------------------------------|
| EPP55O3D182AQL001 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, MM OM3, LSZH 1M  |
| EPP55O3D182AQL002 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, MM OM3, LSZH 2M  |
| EPP55O3D182AQL003 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, MM OM3, LSZH 3M  |
| EPP55O3D182AQL005 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, MM OM3, LSZH 5M  |
| EPP55O3D182AQL010 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, MM OM3, LSZH 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 OM3/OM4 LC adapters & fusion splice tray  |
| FW12LPDB00SWO4 | 12-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM3/OM4 LC adapters & fusion splice tray |
| FW24LPDB00SWO4 | 24-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM3/OM4 LC adapters & fusion splice tray |
| FW48LPDB00SWO4 | 48-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM3/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>



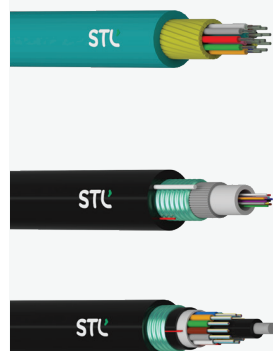
**Note:** <sup>1</sup> More options available on request. Please contact us

<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, loaded with duplex MM OM3/OM4 LC adapters & fusion splice tray  |
| NXFMR12MS00BLPD1O4 | 12-fibre Fibre optic patch panel, loaded with duplex MM OM3/OM4 LC adapters & fusion splice tray |
| NXFMR24MS00BLPD1O4 | 24-fibre Fibre optic patch panel, loaded with duplex MM OM3/OM4 LC adapters & fusion splice tray |
| NXFMR48MS00BLPD1O4 | 48-fibre Fibre optic patch panel, loaded with duplex MM OM3/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

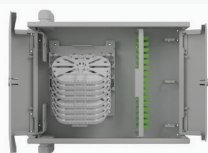
## Optical Fibre Cabling System – MMOM4

| Part Number       | Description                                                                         |
|-------------------|-------------------------------------------------------------------------------------|
| EPP55O4D182AQL001 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, MM OM4, LSZH 1M  |
| EPP55O4D182AQL002 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, MM OM4, LSZH 2M  |
| EPP55O4D182AQL003 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, MM OM4, LSZH 3M  |
| EPP55O4D182AQL005 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, MM OM4, LSZH 5M  |
| EPP55O4D182AQL010 | 1.8mm jacketed, Duplex Optical Fibre Patch cord, LC/UPC to LC/UPC, MM OM4, LSZH 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 OM3/OM4 LC adapters & fusion splice tray  |
| FW12LPDB00SWO4 | 12-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM3/OM4 LC adapters & fusion splice tray |
| FW24LPDB00SWO4 | 24-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM3/OM4 LC adapters & fusion splice tray |
| FW48LPDB00SWO4 | 48-fibre, wall-mount Fibre optic patch panel, loaded with duplex MM OM3/OM4 LC adapters & fusion splice tray |

| Part Number  | Description                                    |
|--------------|------------------------------------------------|
| FKMJC00601DO | Joint closure Dome 6F Burial with accessories  |
| FKMJC01201DO | Joint closure Dome 12F Burial with accessories |
| FKMJC02402DO | Joint closure Dome 24F Burial with accessories |
| FKFJC00601DO | Joint closure Flat 6F Burial with accessories  |
| FKFJC01201DO | Joint closure Flat 12F Burial with accessories |
| FKFJC02402DO | 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.

**stl.tech**



