Demand for greater processing power, efficient data centre design and high-speed internet access means choosing the right cabling infrastructure is essential.

The DYNAMIX MTP solution provides a high density, high performance, robust, modular solution for fast installation of enterprise data centre and other high fibre count cabling implementation.

Cabling infrastructure designed to deliver mission-critical applications to a data network demands reliability, speed and availability.

RAPID DEPLOYMENT
A factory terminated optical fibre cabling solution is a simple scalable and reliable method of network deployment. Installation time compared to traditional fibre cabling systems can be reduced by up to 75%. Simply pull, plug and complete installation on time eliminating all unpredictable field termination variables.

HIGH PERFORMANCE & RELIABILITY
A combination of high quality branded components and manufacturing quality control guarantees products are of the highest standard. State-of-the-art MTP manufacturing facilities provide high performance assemblies for the most demanding applications.

COST SAVING
Installation time involving a costly highly qualified workforce can be reduced to minimum. A customised tailor-made system means that there is no waste of connectors or fibre cable.

SCALABILITY
The ever increasing demand for higher bandwidth rates requires more complex networks. A modular system is the choice to ease future expansion and for quick and easy system reconfiguration.

HIGH DENSITY
Thousands of optical ports can be hosted in a SAN (Storage Area Network) or contemporary data centre. The DYNAMIX MTP system introduces high density FirstLight Prime. This is an adaptable, unique product offering as many as 144-core trunk assemblies and high density panels for cabling ducts.

NEXT GENERATION NETWORK PROOF
The evolving future protocols of 40 and 100Gbps Ethernet utilise parallel optics. With MTP connections in your network the infrastructure will be unchanged and easily fit into the new network standard topologies.

APPLICATIONS
- Data Centre infrastructure
- Optical backplane connections
- Infiniband
- Fibre channel - SAN
- Emerging 40 and 100Gbs Ethernet
- Parallel optics

FEATURES
- High density - 12 fibres in single cable
- Available with OM1, OM2, OM3, OM4 and OS1/OS2 fibre
- Compact LSZH cable standard – OFNP cable also available
- Modular solutions
- Low loss MTP Elite® versions
- Wide range of configuration options

BENEFITS
- Tailored solutions to meet project specifications
- Lower installation and ownership costs
- Rapid installation
- No link / termination errors
- No cable or connector waste
- High fibre density
- Reduced on site testing required
## MTP Trunk Cable - 12 Core

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>LENGTH</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
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<td>OS1, singlemode</td>
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### CUSTOM LENGTHS AVAILABLE ON REQUEST

DYNAMIX MTP trunk cable assemblies allow for rapid deployment of high-density fibre links in a single cable assembly for applications such as data centres. The trunk cable assemblies use specialised small diameter cable to optimize cable pathway space and reduce installation time. They are designed for use with modular MTP solutions such as cassettes, panels and fan-outs. All DYNAMIX MTP products are factory terminated and tested to deliver optimum optical performance and reliability.

### FEATURES
- MTP Connectors - 12 Core
- Reliable, rapid deployment solution that minimises installation time and cost
- Takes up less space in cable pathways and allows greater air flow for cooling systems
- Backwards compatible with existing MPO installations
- Factory Terminated & Tested
- 10G fibre channel compliant
- Infiniband compliant
- Connectors are compliant with IEC-61754-7
- Cable jacket is compliant with IEC-60332 (LSZH)
- Meets or exceeds TIA/EIA-568-B.3 and ISO/IEC 11801
- Lifetime Warranty

## MTP Fibre Cassette for FPP3 Tray

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
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<tbody>
<tr>
<td>FPP-MTPOS1-SC12</td>
<td>OS1 12 Port SC Simplex Singlemode</td>
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<tr>
<td>FPP-MTPOM3-SC12</td>
<td>OM3 12 Port SC Simplex Multimode</td>
</tr>
<tr>
<td>FPP-MTPOS1-LC24</td>
<td>OS1 24 Port LC Duplex Singlemode</td>
</tr>
<tr>
<td>FPP-MTPOM3-LC24</td>
<td>OM3 24 Port LC Duplex Multimode</td>
</tr>
</tbody>
</table>

### FEATURES
- Provides 12x SC/24x LC fibre connectivity
- Backwards compatible with existing MPO installations
- 10G fibre channel compliant
- Infiniband compliant
- Meets or exceeds TIA/EIA-568-B.3 and ISO/IEC 11801
- Connectors are compliant with IEC-61754-7
- Lifetime Warranty

### COMPANION PRODUCTS

- 3 Slot Enclosure
  - FPP3PB (page 48)
- 19" 3U Fibre Modular Chassis
  - FCP14P (page 50)
**Fibre Optic Patch Leads**

### OM4 50μm Multi-mode Duplex Fibre Leads

**WHAT IS OM4?**
OM4 is a laser-optimized, high-bandwidth 50μm multimode cabled fibre defined in IEC (ISO/IEC 11801), EN 50173-1 and TIA/EIA 492A.AAD. OM4 provides higher bandwidth compared to OM3 when measured at 850nm.

**FEATURES**
- 100% Tested & Certified
- Test results are supplied with every lead
- Every patch lead is tested to below 0.3dB insertion loss
- Each patch lead is serialised for traceability and ISO compliance
- All patch leads are LSZH and patch cord is RoHS compliant
- Fibre connectors are machine polished for consistent quality
- Lifetime Warranty

**WHAT IS THE BENEFIT OF OM4?**
Higher bandwidth allows longer channel lengths for high speed applications and provides more head room for richer network design. Typical implementation of OM4 is for requirements between 300m and 550m at 10Gb/s or between 100m and 125m at 40Gb/s or 100Gb/s.

**SPECIFICATIONS**
- Fibre type: OM4 Bend insensitive
- Fibre diameter: 50μm
- Buffer diameter: 125μm
- Outer diameter: 2mm for LC, 3mm for SC
- Connector colour: Beige
- Fibre Colour: Raspberry Pink

**CONNECTIONS**

<table>
<thead>
<tr>
<th>Connectors</th>
<th>0.5M</th>
<th>1M</th>
<th>2M</th>
<th>3M</th>
<th>5M</th>
<th>10M</th>
<th>15M</th>
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<th>30M</th>
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</thead>
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<tr>
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<td>LC / SC</td>
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<td>SC / SC</td>
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</tbody>
</table>

### OM3 50μm Multi-mode Duplex Fibre Leads

**FEATURES**
- 100% Tested & Certified
- Test results are supplied with every lead
- Every patch lead is tested to below 0.3dB insertion loss
- Each patch lead is serialised for traceability and ISO compliance
- All patch leads are LSZH and patch cord is RoHS compliant
- Fibre connectors are machine polished for consistent quality
- Lifetime Warranty

**SPECIFICATIONS**
- Fibre diameter: 50μm
- Buffer diameter: 125μm
- Outer diameter: 2mm for LC, 3mm for ST, SC
- Connector colour: Beige
- Fibre Colour: Aqua

**CONNECTIONS**

<table>
<thead>
<tr>
<th>Connectors</th>
<th>0.5M</th>
<th>1M</th>
<th>2M</th>
<th>3M</th>
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</table>

### Custom Fibre Leads Available on Request in a Wide Range of Connectors and Lengths

**OM4 Patch Leads Available on Request in Other Connector Combinations and Lengths**

**OM3 Patch Leads Available on Request in Other Connector Combinations and Lengths**

**LC to LC Patch Lead**

**LC to SC Patch Lead**

**SC to SC Patch Lead**

**LC to ST Patch Lead**

**SC to ST Patch Lead**

**SC to Mt Patch Lead**

**MT to MT Patch Lead**
## FIBRE OPTIC PATCH LEADS

### OM1 62.5µm Multimode Duplex Fibre Leads

**FEATURES**
- 100% Tested & Certified
- Test results are supplied with every lead
- Every patch lead is tested to below 0.3dB insertion loss
- Each patch lead is serialised for traceability and ISO compliance
- All patch leads are LSZH and patch cord is RoHS compliant
- Fibre connectors are machine polished for consistent quality
- Lifetime Warranty

**SPECIFICATIONS**
- Fibre diameter: 62.5µm
- Buffer diameter: 125µm
- Outer diameter: 2mm for LC, 3mm for ST, SC
- Connector colour: Beige
- Fibre Colour: Orange

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### CUSTOM FIBRE LEADS AVAILABLE ON REQUEST IN A WIDE RANGE OF CONNECTORS AND LENGTHS

### OS1 9µm Single Mode Duplex Fibre Leads

**FEATURES**
- 100% Tested & Certified
- Test results are supplied with every lead
- Every patch lead is tested to below 0.3dB insertion loss
- Each patch lead is serialised for traceability and ISO compliance
- All patch leads are LSZH and patch cord is RoHS compliant
- Fibre connectors are machine polished for consistent quality
- Lifetime Warranty

**SPECIFICATIONS**
- G.657.A Bend insensitive fibre
- Fibre diameter: 9µm
- Buffer diameter: 125µm
- Outer diameter: 2mm for LC, 3mm for ST, SC
- Connector colour: Blue
  - Green for SC APC
- Fibre Colour: Yellow

<table>
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<th>CONNECTORS</th>
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<th>1M</th>
<th>2M</th>
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</tr>
</tbody>
</table>

### CUSTOM FIBRE LEADS AVAILABLE ON REQUEST IN A WIDE RANGE OF CONNECTORS AND LENGTHS
Fibre Optic Pigtails

FEATURES
- Length 2M
- Every pigtail is tested to below 0.3dB insertion loss
- Full traceability & test certification supplied with each assembly
- 900µm tight buffer fibre optic cable
- 6/12 Pack colour coded to International/New Zealand standards
- Lifetime Warranty
- Non-standard requirements available on request

COLOUR CODES
6 PACK 12 PACK
2. Orange 2. Orange 8. Black
5. Slate 5. Slate 11. Rose

<table>
<thead>
<tr>
<th>CONNECTORS</th>
<th>Single 2M</th>
<th>6 Pack 2M colour coded</th>
<th>12 Pack 2M colour coded</th>
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<td>FPT-OS1ST</td>
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</tr>
</tbody>
</table>

KEY: OM1 = MULTIMODE (1G) OM3 = MULTIMODE (10G) OS1 = SINGLEMODE

Mode Conditioning Patch Cords

MODEL CODE TYPE LENGTH
FMC-SMLC-SC LC/SC Singlemode transmit on LC 2M
FMC-SMLC-ST LC/ST Singlemode transmit on LC 2M

OTHER CONNECTOR COMBINATIONS AVAILABLE ON REQUEST

The mode conditioning patchcords are specifically designed for launching a gigabit signal into the conventional 62.5/125 or 50/125 fibre with very high bandwidth. They can improve the transmission bandwidth by 3 to 4 times and also greatly reduce modal noise.

FEATURES
- Increased transmission bandwidth by up to 4x
- Reduced modal noise
- Low insertion loss (< 1dB)
- Easy installation
- Various connector options
Pre Terminated Assemblies

**BENEFITS**
- Manufactured in a controlled environment - less than 0.3dB insertion loss
- Simple, scalable, reliable and rapid deployment
- Suits a variety of installations either inside a building or across campus

**STANDARD CONFIGURATION**
- Protection sleeve, pulling eye and staggered fibre connector distribution
- Unique serial identification number per cable
- Labeling options available on request

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>Connector END A</th>
<th>Distribution END A</th>
<th>Fibre Count</th>
<th>Fibre Type</th>
<th>Cable Type</th>
<th>Cable Type</th>
<th>Cable Length (gland to gland)</th>
<th>Distribution END B</th>
<th>Connector END B</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC</td>
<td>Staggered</td>
<td>4</td>
<td>09 = OS1</td>
<td>TB = Tight-buffered</td>
<td>IND = Indoor</td>
<td>Length (Metres)</td>
<td>LC</td>
<td></td>
</tr>
<tr>
<td>LC/A</td>
<td>Fan-out</td>
<td>6</td>
<td>62 = OM1</td>
<td>LT = Loose-buffered</td>
<td>OUT = Outdoor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E2000</td>
<td>Open end</td>
<td>8</td>
<td>50 = OM2</td>
<td>BO = Breakout</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E2/A</td>
<td></td>
<td>12</td>
<td>OM3 = OM3</td>
<td>STA = Steel tape armoured</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FC</td>
<td></td>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FC/A</td>
<td></td>
<td>24</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SC/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MADE TO ORDER - PLEASE ENQUIRE FOR PRICE AND AVAILABILITY**

**Field Installable Fibre Connectors**

**MODEL CODE**
- SC-FICOM3-9
- LC-FICOM3-9

**TYPE**
- SC OM3, 900um Boot
- LC OM3, 900um Boot

Field-installable optical connectors require no epoxy, polishing or crimping. The FIC has a small window feature to see the light escaping while using a visual fault locator.

**FEATURES**
- Termination can be repeated 2-3 times
- Packaging comes with a cable/buffer stripping template
- Complies with IEC, EIA/TIA and Telcordia standards
- Fibre preparation kit available
- Available in singlemode & 3mm boot options

**Field Install Fibre Preperation Kits**

**MODEL CODE**
- OPT-FICKIT
- OPT-FICKIT02

**TYPE**
- Preparation fluid, Kevlar Scissors, Cleave Tool, Carry Case, Cleaning Tissues
- Preparation fluid, Kevlar Scissors, Cleave Tool, Carry Case, Cleaning Tissues, Fibre Inspection Scope & Visual Fault Locator

Both kits come complete with tools to strip, clean and cleave fibre. The OPT-FICKIT02 includes a visual fault locator for continuity checking and a handheld inspection scope to ensure the connector is free from potentially harmful dirt and contamination.
FIBRE OPTIC CABLE

Tight Buffered Fibre Optic Cable

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
<th>LENGTH</th>
<th>CORE</th>
</tr>
</thead>
<tbody>
<tr>
<td>OM3TB06C-M</td>
<td>OM3 50/125µm Multimode</td>
<td>per metre</td>
<td>6 core</td>
</tr>
<tr>
<td>OM3TB12C-M</td>
<td>OM3 50/125µm Multimode</td>
<td>per metre</td>
<td>12 core</td>
</tr>
<tr>
<td>OM3TB06C-1K</td>
<td>OM3 50/125µm Multimode</td>
<td>1KM</td>
<td>6 core</td>
</tr>
<tr>
<td>OM3TB12C-1K</td>
<td>OM3 50/125µm Multimode</td>
<td>1KM</td>
<td>12 core</td>
</tr>
<tr>
<td>OM3TB06C</td>
<td>OM3 50/125µm Multimode</td>
<td>2KM</td>
<td>6 core</td>
</tr>
<tr>
<td>OM3TB12C</td>
<td>OM3 50/125µm Multimode</td>
<td>2KM</td>
<td>12 core</td>
</tr>
<tr>
<td>OS1TB06C</td>
<td>OS1 9/125µm Singlemode</td>
<td>2KM</td>
<td>6 core</td>
</tr>
<tr>
<td>OS1TB12C</td>
<td>OS1 9/125µm Singlemode</td>
<td>2KM</td>
<td>12 core</td>
</tr>
</tbody>
</table>

Tight Buffered internal/external cables are constructed of 900µm buffered fibres surrounded by aramid yarn strength members with a PVC UV Protected outer jacket.

APPLICATION

- Internal / External cable for installation in trunking, under floor or ceiling spaces
- Short run external links between buildings
- Fibre backbones in riser and horizontal configurations

FEATURES

- Choice of fibre type
- Colour coded fibres
- High strength aramid yarn strength member
- Easy to strip
- PVC UV protected jacket
- Supports external use
- Water resistant

BARE FIBRE BRAND

A Furukawa Company

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>6 CORE</th>
<th>12 CORE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outer Diameter</td>
<td>4.5mm</td>
<td>6.0mm</td>
</tr>
<tr>
<td>Weight</td>
<td>19kg/km</td>
<td>30kg/km</td>
</tr>
<tr>
<td>Max. Load (installation)</td>
<td>340N</td>
<td>600N</td>
</tr>
<tr>
<td>Max. Load (installed)</td>
<td>140N</td>
<td>200N</td>
</tr>
<tr>
<td>Minimum Bend Radius (installation)</td>
<td>20D</td>
<td>20D</td>
</tr>
<tr>
<td>Minimum Bend Radius (installed)</td>
<td>10D</td>
<td>10D</td>
</tr>
<tr>
<td>Operating Temp.</td>
<td>-20°C ~ +60°C</td>
<td>-20°C ~ +60°C</td>
</tr>
<tr>
<td>Storage Temp.</td>
<td>-20°C ~ +70°C</td>
<td>-20°C ~ +70°C</td>
</tr>
<tr>
<td>Installation Temp.</td>
<td>-20°C ~ +60°C</td>
<td>-20°C ~ +60°C</td>
</tr>
<tr>
<td>Max Crush Resistance</td>
<td>1000 N/100mm</td>
<td>1000 N/100mm</td>
</tr>
</tbody>
</table>
Fibre Visual Fault Locator

MODEL CODE | TYPE
--- | ---
NEW OPTVFL-2 | Pen-style

Slim-line, compact visual fault locator, designed to troubleshoot faults on fibre optic cables.

FEATURES
- 650nm visible red laser source
- Slim line pen-style with handy pocket clip
- 2.5mm universal connector interface for quick connection (for SC, ST, FC)
- High power (1mW)
- 1.25mm adapter cable for LC included

Fibre Optic Ratchet Crimping Tool

MODEL CODE | TYPE
--- | ---
NEW CT-FOCT | Fibre Optic Ratchet Crimping Tool

Suitable for Hex Crimps sizes .042", .068", .078", .128", .151", .178"

Scissors for Cutting Kevlar

MODEL CODE | TYPE
--- | ---
CT-FCS | Scissors for Cutting Kevlar

Serrated sharp teeth scissors ideal for cutting Fibre Kevlar

Fibre Optic Stripping Tool

MODEL CODE | TYPE
--- | ---
CT-STR FIB | Fibre Optic Stripping Tool

3 stripping guides for 2mm outer jacket 250µ buffer & 125µ fibre
FIBRE ACCESSORIES

**Multimode Fibre Joiners**

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP-LCD-MM</td>
<td>Keystone, Duplex, LC to LC</td>
</tr>
<tr>
<td>A-FIBLCLC-D</td>
<td>Duplex, LC to LC</td>
</tr>
<tr>
<td>A-FIBLCLC-Q</td>
<td>Quad, LC to LC</td>
</tr>
<tr>
<td>A-FIBSCSC-S</td>
<td>Simplex, SC to SC</td>
</tr>
<tr>
<td>A-FIBSCSC</td>
<td>Duplex, SC to SC</td>
</tr>
<tr>
<td>A-FIBSCST</td>
<td>Duplex, SC to ST</td>
</tr>
<tr>
<td>FP-FIBST</td>
<td>Simplex, ST to ST</td>
</tr>
<tr>
<td>A-FIBSTST</td>
<td>Duplex, ST to ST</td>
</tr>
</tbody>
</table>

**Singlemode Fibre Joiners**

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP-LCD-SM</td>
<td>Keystone, Duplex, LC to LC</td>
</tr>
<tr>
<td>A-FIBLCLC-DSM</td>
<td>Duplex, LC to LC</td>
</tr>
<tr>
<td>A-FIBLCLC-QSM</td>
<td>Quad, LC to LC</td>
</tr>
<tr>
<td>A-FIBSCSC-SSM</td>
<td>Simplex, SC to SC</td>
</tr>
<tr>
<td>A-FIBSCSC-SM</td>
<td>Duplex, SC to SC</td>
</tr>
<tr>
<td>A-FIBSCST-DSM</td>
<td>Duplex, SC to ST</td>
</tr>
<tr>
<td>A-FIBSTST-SSM</td>
<td>Simplex ST to ST</td>
</tr>
<tr>
<td>A-FIBSTST-DSM</td>
<td>Duplex, ST to ST</td>
</tr>
<tr>
<td>A-FIBSCAPC-SM</td>
<td>Duplex, SC-APC to SC-APC</td>
</tr>
</tbody>
</table>

**Fibre Connectors**

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC-CONN</td>
<td>LC</td>
</tr>
<tr>
<td>ST-CONN</td>
<td>ST</td>
</tr>
<tr>
<td>SC-CONN</td>
<td>SC</td>
</tr>
<tr>
<td>ST-CONN supplied with a 3mm boot</td>
<td></td>
</tr>
</tbody>
</table>

Recommended tool CT-FOCT

**Loopback Fibre Adapter**

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW FLB-MMLC</td>
<td>Multimode</td>
</tr>
<tr>
<td>NEW FLB-SMLC</td>
<td>Singlemode</td>
</tr>
</tbody>
</table>

LC Multimode Loopback Fibre Adapters

Fibre loop back connectors are used for equipment self-testing and engineering. They provide an effective way of testing the transmission capability and receiver sensitivity of network equipment.
FIBRE SLIDING TRAYS

Fibre Sliding Tray - 3 Slot

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FPP3PB</td>
<td>3 Slot Enclosure</td>
</tr>
<tr>
<td>FPP-B</td>
<td>Blanking Plate - Black</td>
</tr>
<tr>
<td>FPP-SCD6</td>
<td>SC Duplex / LC Quad 6 Port Plate</td>
</tr>
<tr>
<td>FPP-SCS8</td>
<td>SC Simplex / LC Duplex 8 Port Plate</td>
</tr>
<tr>
<td>FPP-STS8</td>
<td>ST Simplex / FC Simplex 8 Port Plate</td>
</tr>
<tr>
<td>FPP-FFP</td>
<td>Front Face Protection Plate</td>
</tr>
</tbody>
</table>

**FEATURES**
- High Density Tray accepts up to 36 Spliced Fibre Cores
- Supplied with 2x 12 Position Splice Cassettes (Installed)
- Supplied with Internal Cable Management Accessories & Cable Gland
- 2 Tier Screwless Fibre Adapter Plates allow Fibre Adapters to sit Flush with the Front Face of the Tray (Purchased Separately)
- Compatible with MPO / MTP Cassettes
- Telescopic Rackmount Brackets
- 6x 20mm Rear Cable Gland Entry Points
- Easy Panel Identification Labelling
- High Quality Tray, made from Cold Rolled Steel
- Dimensions: 483 x 200 x 44 mm (WxDxH)
- Colour: Black Gloss
- Weight Fully Loaded: 2.6 Kg

High Density Fibre Sliding Tray - 24 Port

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PP-FSTHD-24LC</td>
<td>24 Port LC Duplex / SC Simplex Slot Tray</td>
</tr>
<tr>
<td>PP-FSTHD-24SC</td>
<td>24 Port SC Duplex Slot Tray</td>
</tr>
</tbody>
</table>

**FEATURES**
- High Density Tray accepts up to 48 spliced fibre cables
- 19” 1RU Snap in sliding tray design with telescopic rackmount brackets
- Includes 2x 24 fibre splice cassette
- Cable management accessories included
- Dimensions: 440 x 250 x 44 mm
- Material: Cold rolled steel
- Colour Black gloss
- 6x 20mm rear cable gland ports
- Telescopic rackmount brackets
FIBRE SPLICE ACCESSORIES

Segment Fibre Management Spool

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPOOL06</td>
<td>Non Adhesive</td>
</tr>
<tr>
<td>SPOOL06STK</td>
<td>Adhesive</td>
</tr>
</tbody>
</table>

FEATURES
- Supports cable up to 3mm diameter
- Use complete or break into up to 6 individual components
- Mount via adhesive foam pads or screws
- Segregation of incoming & exiting fibre
- Snap fit system

Stackable Splice Cassette

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPT01</td>
<td>Stackable</td>
</tr>
</tbody>
</table>

FEATURES
- External fibre pathway allows storage of excess fibre and multi-directional routing
- 30mm fibre bend radius and storage of 250µm or 900µm buffered fibre
- Internal management allows multiple fibre routing options
- Pivoting splice holders allow uninterrupted control of fibre
- Built in fibre pick
- Holds up to 24 splices with heatshrink or crimp style splice protectors
- Supplied with tray hinge to maintain access to splices with stacked trays
- Transparent clip in lid supplied with every tray
- Cable tie points to secure fibre on entry and exit
- Mountable via central hole, DIN style holes or adhesive pad

Fibre Splice Cassette

MODEL CODE: PP-FST-CASV3
TYPE: 2 Position

Stackable splice cassettes

Fibre Splice Protectors

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FPT-SP45-10</td>
<td>45mm, 10 Pack</td>
</tr>
<tr>
<td>FPT-SP60-10</td>
<td>60mm, 10 Pack</td>
</tr>
</tbody>
</table>

FEATURES
- Polyolefin Heat Shrinkable Tubing
- Modified PE material
**FIBRE CHASSIS / FIBRE DOME ENCLOSURE**

### 19” 3U High Density Fibre Modular Chassis

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCP14P</td>
<td>19” 3U Fibre Modular Chassis</td>
</tr>
<tr>
<td>FCP-MOD</td>
<td>Cassette Module - 12 core</td>
</tr>
<tr>
<td>FPP-SCD6</td>
<td>SC Duplex / LC Quad 6 Port Plate</td>
</tr>
<tr>
<td>FPP-SCS8</td>
<td>SC Simplex / LC Duplex 8 Port Plate</td>
</tr>
<tr>
<td>FPP-STS8</td>
<td>ST Simplex / FC Simplex 8 Port Plate</td>
</tr>
<tr>
<td>FPP-B</td>
<td>Blanking Plate - Black</td>
</tr>
</tbody>
</table>

**FEATURES**
- 19” 3U Fibre Modular Chassis
- High Density Fibre Management Solution
- Supports up to 14 cassettes (Max. 336 Fibres)
- Populate with FCP-MOD modules & FPP series Plates
- Black Colour

### Dome Fibre Optic Splice Enclosure

**FDE-96C** Fibre Dome Enclosure with 4 splice cassettes (maximum capacity up to 96 core)

The FDE-96C enclosure has four round Cable Entry Ports and one oval Cable Entry Port. It accommodates the splicing and branching of fibre optic cable and is used in aerial-hanger, wall-mounting or direct buried applications. The enclosure is made from high quality PVC and both the enclosure and the foundation plate are sealed with Silicon Gum Material. The heat-shrinkable tubes are utilised to seal the entry ports. The enclosure can be opened and closed via the waterproof hoop.

**APPLICATION**
- Aerial-hanger, Wall-mounting, Direct Buried

**SPECIFICATION**
- Dimension: 210mm diameter by 440mm high
- Weight: 4 kg
- Cable diameter: 7mm - 22mm
- Includes 5 Cable Entry Ports
- Max. Capacity of Cores Per splice tray: 12 single/24 double
- No. of splice Cassettes: 4
- Max. Capacity of Closure: 96 (24 cores per cassette)
- Sealing Structure of Cable Entry Port: Heat-shrinkable
- Sealing Structure: Silicon Gum Material

**ACCESSORIES INCLUDED**
- 96x Splice Protectors
- 12x Cable Ties
- 4x Heat Shrinkable Tube (32x 170mm)
- 1x Heat Shrinkable Tube (63 x 170mm)
- 1x Hanging Hook
- 1x Branch Block
### Wall Mount Fibre Enclosure

**MODEL CODE** | **TYPE**
--- | ---
FWE-4SC | 4 Port SC Duplex Unloaded
FWE-6SC | 6 Port SC Simplex / LC Duplex Unloaded
FWE-8ST | 8 Port ST Simplex Unloaded

**FEATURES**
- Unloaded compact fibre wall enclosure
- Supports 8 way fusion of mechanical splice
- Multimode and Singlemode configuration
- Supports ST, SC Duplex, SC Simplex, LC Duplex & MTRJ
- Cable management
- Label holder and ID card
- Cable tie feature
- Top, bottom and rear access
- Lockable rugged white plastic
- Size: 184 x 127 x 38 mm

### Indoor/Outdoor Wall Mount Fibre Enclosure

**MODEL CODE** | **TYPE**
--- | ---
FWEIO-12 | 12 Core Indoor/Outdoor Fibre Termination Enclosure

**FEATURES**
- Designed for termination of up to 12 core optical fibre
- Suitable for 8x SC simplex or 8x LC duplex adapters
- Wall mounted for indoor & outdoor use
- Waterproof & dust-tight (IP65 Rated)
- UV stabilised plastic housing
- Fixed Fibre Support Bracket
- Compatible with PLC optical splitter with maximum OD ratio 1:8
- Dimensions: 220 x 180 x 50 mm

**ACCESSORIES INCLUDED**
- 8x Splice Protectors
- 12x Cable Ties
- 3x Screws
- 2x Sets Number Stickers
# FIBRE OPTIC PRODUCTS

## Wall Mount Fibre Enclosures

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FWE-12C</td>
<td>Fibre Termination Enclosure up to 12 core</td>
</tr>
<tr>
<td>FWE-24C</td>
<td>Fibre Termination Enclosure up to 24 core</td>
</tr>
</tbody>
</table>

The FWE-12 and FWE-24 series wall mount boxes are robust fibre termination boxes designed to assist and protect the fibre splice connections of 12 and 24 cores respectively. This unique design eliminates the need for fibre couplers. Instead, long 2mm or 3mm fibre pigtails are used to connect the splice directly into the active networking device.

### FWE-12C FEATURES
- Includes 2x stacked splice cassettes each capable of 6 cores (12 core max.)
- Mechanical strength housing is made from polycarbonate plastic
- No fibre joiners or adapters required

### FWE-24C FEATURES
- Includes 4x stacked splice cassettes each capable of 6 cores (24 core max.)
- Mechanical strength housing is made from polycarbonate plastic
- No fibre joiners or adapters required
- Dimensions: 270 x 150 x 55 mm (LxWxD)

## Wall Mount Fibre Enclosure - 4 Slot

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>ACCESSORIES</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>PP-FSTW-4PV2</td>
<td>PP-FST-PG16</td>
<td>Cable Gland for Fibre Panels</td>
</tr>
<tr>
<td></td>
<td>PP-PP-4PB</td>
<td>Blank Plate - Black Colour</td>
</tr>
<tr>
<td></td>
<td>PP-PP-4PSCD4</td>
<td>SC Duplex 4 Port Plate</td>
</tr>
<tr>
<td></td>
<td>PP-PP-4PLCS6</td>
<td>SC Simplex/LC Duplex 6 Port Plate</td>
</tr>
<tr>
<td></td>
<td>PP-PP-4PSTS6</td>
<td>ST Simplex 6 Port Plate</td>
</tr>
<tr>
<td></td>
<td>PP-FST-CASV3</td>
<td>Fibre Splice Cassette</td>
</tr>
</tbody>
</table>

**FEATURES**
- Lockable wall mount fibre enclosure with hinged doors
- 4 Slots available for SC/ST/LC/FC/MTRJ Duplex and Simplex snap-in plates
- Supplied with a 12 way splice cassette, can stack up to 2 cassettes
- Splice cassette caters for 900μm and 3mm pigtails
- Supplied with cable management modules
- Fibre cable entry point
- Material: Cold rolled steel
- Colour: Black
- Dimensions: 350 x 300 x 80 mm