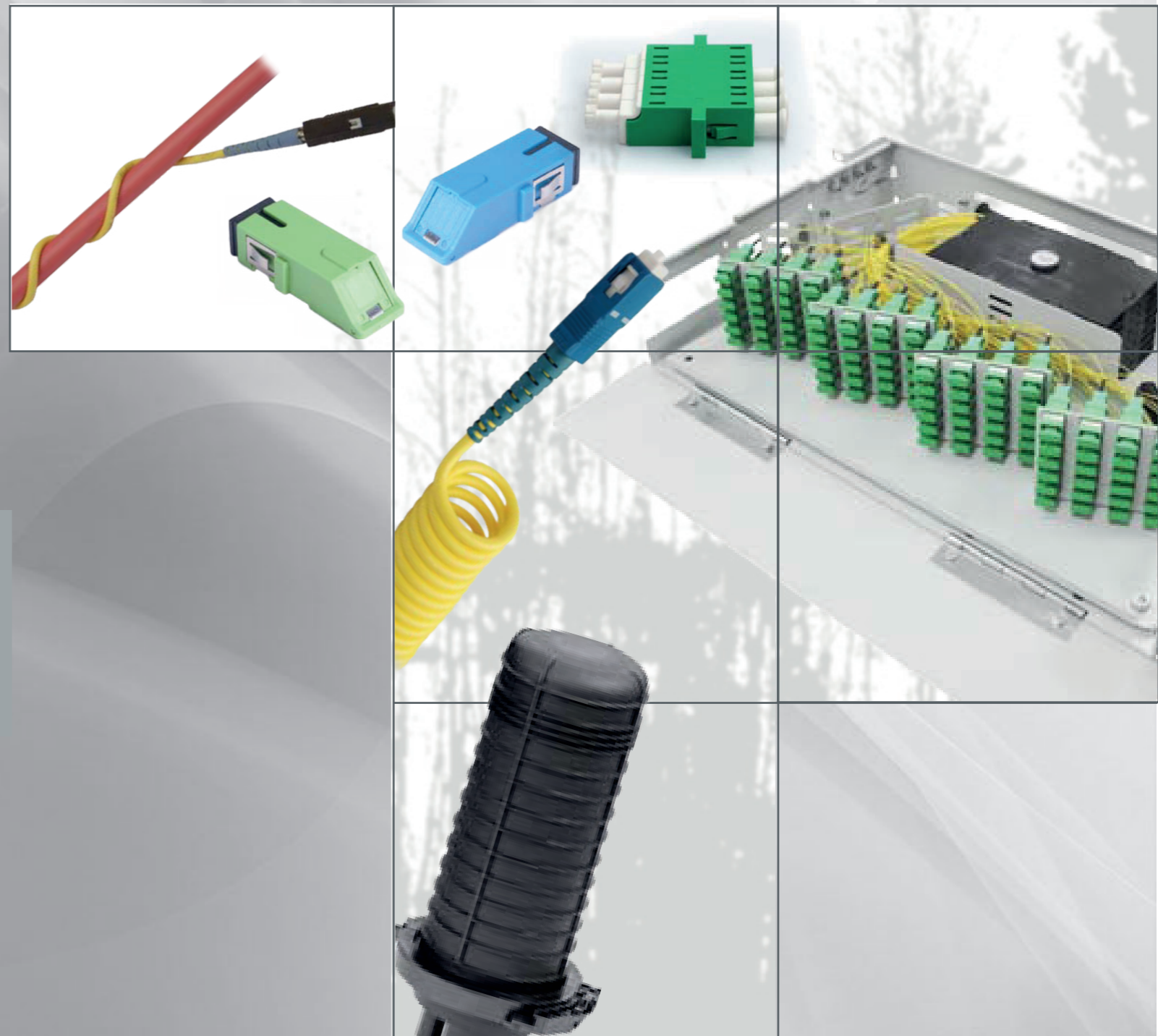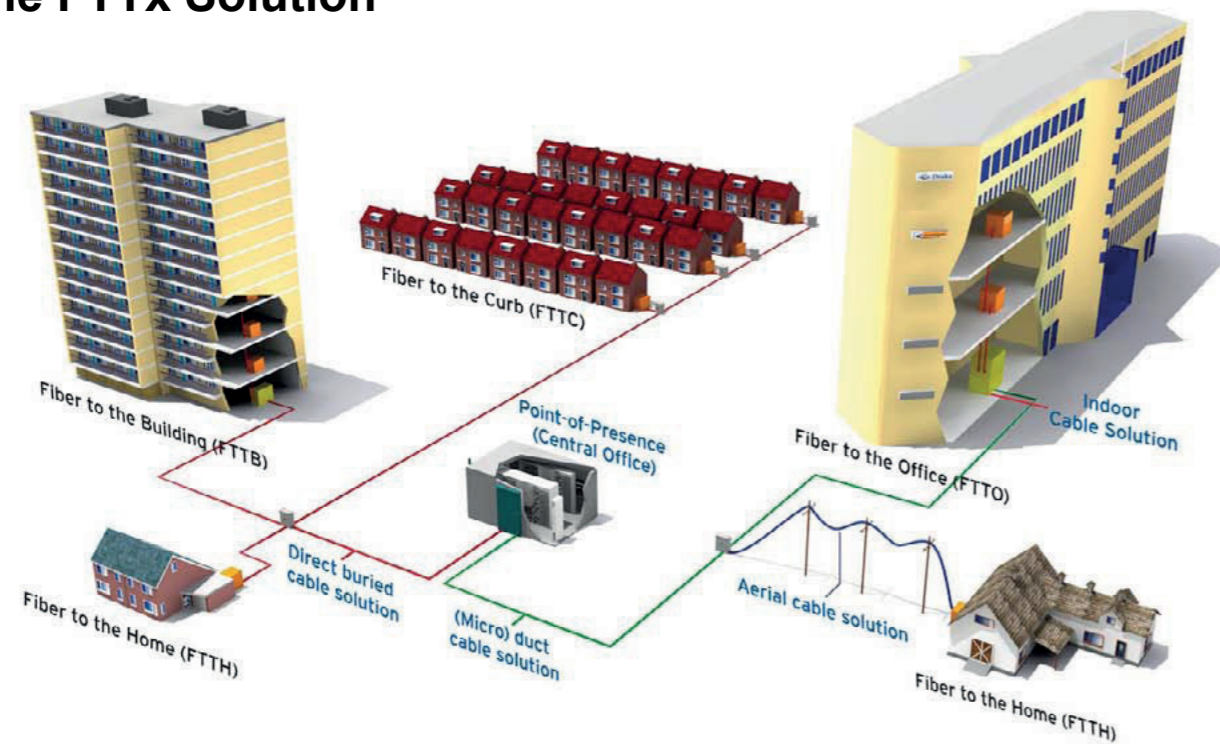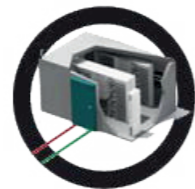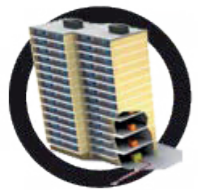# FTTX Solution.

FTTX Solution.

The FTTx Solution

Fibre to the Building (FTTB)
- Pre-terminated Cables
- Bend Insensitive Patch Cords
- Shuttered adapters
- Indoor FTTH cables
- FDH
- Wall Boxes
- Wall Termination Boxes

Point-of-Presence (Central Office)
- Optical Distribution frame
- Network & Server Racks
- High Density/Standard Patch Panels
- MPO/MTP
- Standard Components
- Loose Tube, Tight Buffered & Break-out Cables
- Active, CWDMs and Splitters

Fibre to the Office (FTTO)
- SFPs, XFPs, FO Switch Converters, FO switches
- Pre-terminated Cables
- Bend Insensitive Patch Cords
- Shuttered adapters
- Indoor FTTH cables
- FDH
- Wall Boxes

Fibre to the Home (FTTH)
- Bend Insensitive Pigtails
- Bend Insensitive Patch Cords
- Shuttered adapters
- Indoor FTTH cables
- FDH
- Wall Termination Boxes

Fibre to the Curb (FTTC)
- Boxed Splitters, CWDMs
- Steel tape armoured, Wired armoured, Dual sheath, Aerial cables
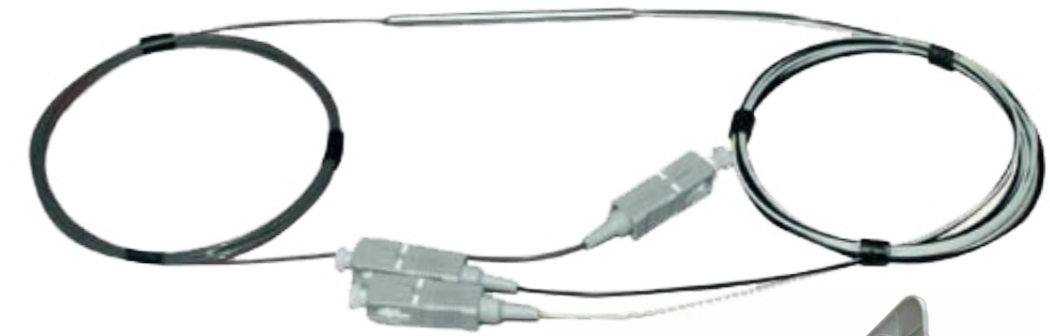- Outdoor FDH/Termination Boxes
- Standard Components

Accessories
- Termination/Cleaning/Inspection/Tooling Kits
- Fusion Splicer
- OTDR, Power Meter, Fibre Idenitifier, Video Inspection Probe

Splitters

Splitters are major components in a Passive Optical Network (PON). The appearance and the boxing of the splitter vary from application and operators to another however the benefit and features are mainly the same. To keep ourselves as flexible as we are, Linxcom offer a full range of regular and customised splitters products; PLC LGX splitter, Outdoor box splitter, enclosure splitter, PLC bare splitter, fan-out splitter, with and without connectors.
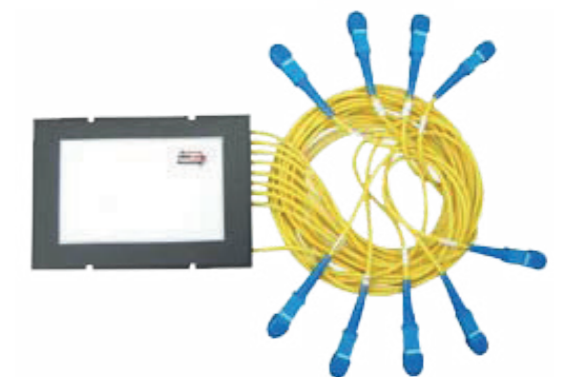

Features & Benefits
- Telecordia standards
- Low insertion loss
- Customized large choice of packaging
- With or without connectors
- Pre terminated ready to plug and play
- Cost effective
- Available from 1*2 to 1*64 and 2*64
- Outdoor as well as indoor applications available

CWDMs

Linxcom is capable to manufacture and supply a CWDM with up to 18 channels, the CWDM with 18 channels is an optical multiplexer that can multiplex up to 18 CWDM sources on a single optical with only 6dB insertion loss. The CWDM filter has high channel isolation and can therefore be used in a bi-directional system. The module can be used as multiplexer or de-multiplexer. The CWDM can be used along with other active components that Linxcom supply as SFPs, Media converters (slots and/or standalone).

Features & Benefits
- 18 channels per fiber
- 6dB link insertion loss
- Bi-directional
- Available wavelength: from 1271 to 1611nm
- Can be used as multiplexer or de-multiplexer
- Channel spacing 20nm
- Return loss: >45dB
- Directivity: >45dB
- Adjacent Channel Isolation: >30dB

Ordering Information

For more information, to place an order or for any customised Splitters, WDMs, CWDMs or DWDMs, please contact us for a copy of our FTTx Catalogue.

Indoor Figure 8 with FRP FTTx Cable

Linxcom offer a very useful indoor FTTx cable which is perfect for laying under carpets and in corners to reach the fibre optic terminal boxes and wall outlets.

Features & Benefits

- FRP strength protective members
- High resistance to lateral crushing
- White colour for inside use (available in other colour if requested)
- Light weight: Only 20kg per km

- Sufficient tensile strength
- Up to 12 coloured fibres
- LSZH or PE jacket
- -20°C / +70°C operating temperatures

Outdoor FTTx Cable

Loose Tube, Armoured and drop cables are also used for FTTH applications. Linxcom's outdoor cables are installed in multitude of FTTx projects in Europe, Africa, Middle East as well as Asia.

More fibre optic cable can be found in the Fibre Optic Passive section of this catalogue.

For more information on any FTTx Cable, please contact us for a copy of our FTTx or Fibre Optic Cable Catalogue.
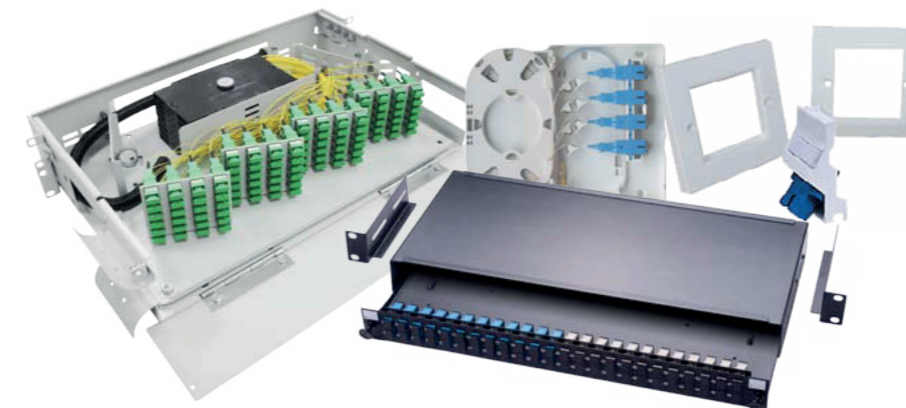
Outdoor Fibre Management

Outdoor fibre management products vary from one application to another and in requirement to project size, therefore the proposed products are generalised and may or may not be applicable to all FTTx applications. Linxcom can design and manufacture any fibre enclosure, distribution hub or outdoor cabinet, for any requirement for any application.

- FDH - Fibre Distribution Hubs
- Dome Enclosures
- In-Line Enclosures
- Fibre Distribution Frames
- Terminal Boxes

Indoor Fibre Management

Indoor fibre management products vary from one application to another and in requirement to project size, therefore the proposed products are generalised and may or may not be applicable to all FTTx applications. Linxcom can design and manufacture any fibre enclosure, patch panel or termination box, for any requirement for any application.

- LGX Patch Panels
- Termination Boxes
- Faceplates
- Sliding Patch Panels
- High Density Patch Panels

More fibre management products can be found in the Fibre Optic Passive section.
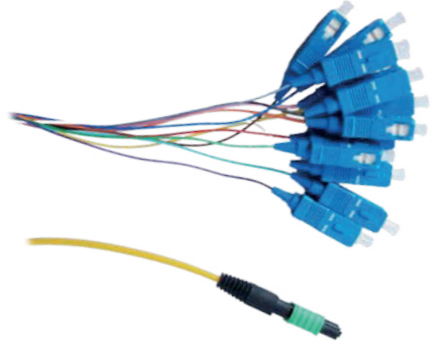
For more information on any Indoor or Outdoor Fibre Management, please contact us for a copy of our FTTx Catalogue.

FTTx Components & Assemblies

In addition to standard pre-terms, pigtails, patch cords, adapters, connectors and attenuators attenuators, Linxcom offers special components and assemblies for FTTx use to maintain safety and respect international standards.
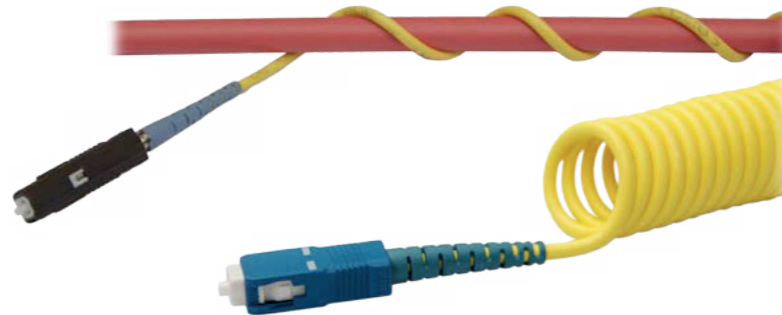
Pre-Terminated Cables & MTP/MTP Solutions

- Factory terminated & tested with guaranteed quality
- High density to dramatically save space
- Installer-friendly to save time & money
- Optimize network performance
- Maximize lifespan
- Design caters for up-scaling needs and future technologies growth
- The best solution, covers all fibre optic cabling needs in all areas of FTTx

FTTx Assemblies

- Bend-insensitive Patch Cords
- BendSafe Patch Cords
- Armoured Patch Cords

FTTx Components

- Shuttered Adapters
- Quad Adapters
- Secure Keyed Connectors

More fibre optic assemblies, components and pre-terminated products can be found in the Fibre Optic Passive section of this catalogue.

For more information on FTTx Assemblies and Components, please contact us for a copy of our FTTx or Special Components and Assemblies Catalogue.

FTTx Tools, Slicing, Test Equipment & Accessories

We offer many tool and accessory products that are applicable for a FTTx application. Below we have outlined a few of the most commonly used in FTTx.

Fusion Splicer

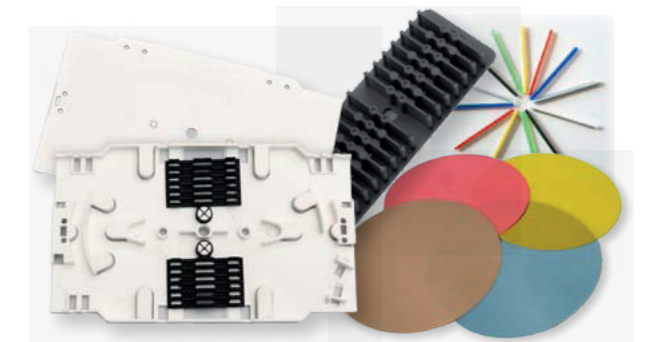### OTDR

Termination Kits

Cleaning Kits

Tools

Accessories

More fibre optic products can be found in the Fibre Optic Passive section of this catalogue.
For more information on FTTx Accessories or Tooling, please contact us for a copy of our FTTx Catalogue.