MDx16i Fibre Termination Point (FTP-x16i)

The MDx16i Fibre Termination Point (FTP-x16i) is a medium-sized, cost-effective injection moulded enclosure with a hinged lid secured by two clips and a retained D-shape head fixing screw. It's a flexible solution which can be deployed internally or externally for fibre to the home (FTTH), Broadband and Passive Optical LAN (PON) projects.

Ideal for installation in building entrances, small risers, façades and as a floor distribution/termination point in small multi-dwelling units (SMDU) and multi-dwelling units (MDU's). Internal fibre management includes a hinged splice tray and bulkhead which supports splicing of up to 16 fibres and patching (up to a maximum of 8 duplex LC connections). You can also integrate PLC splitters on the reverse side of the splice tray where two dedicated holder positions are located (suitable for 250-micron splitter housings).
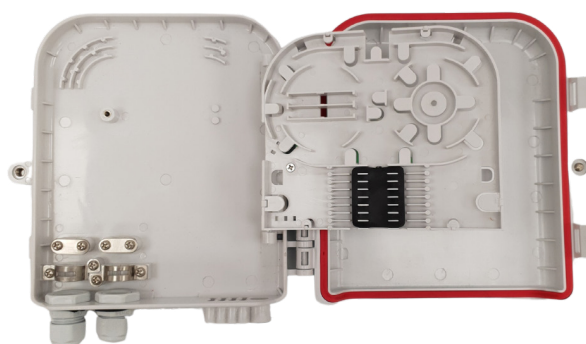
IP 55 rated against water and dust ingress, the MDx16i features two integrated cable clamps for retention of incoming cable via dome style cable glands and multi-hole grommet for pre-terminated drop cabling. Grommet design allows for terminated connectors to be fed into enclosure and patched to bulkhead eliminating the need to field terminate connectors.

Features & Benefits

- Indoor and outdoor use
- Cable anchor clamp for incoming cable
- Medium size, cost-effective design
- Supports minimum bend radii of 30mm

Applications

- Suitable for FTTx, broadband & PON networks
- Small Multi Dwelling Units (SMDU) & Multi-Dwelling Units (MDU)
- Splice and patch or pre-connectorised splits
- Wall, pole or façade mounting

Product Specifications

Feature	Performance	Standard Reference
Dimensions (H x W x D in mm's)	220 x 170 x 48	-
Weight (kg) (min. to max. depending on configuration)		-
IP (Ingress Protection) Rating	IP 55	IEC 60529
Material	Acrylonitrile Butadiene Styrene (ABS)	-
Colour	Light Grey	-
Number of Cable Entries/Cable Exits	2 / 8	-
Entry/Exit Seal Formats	2 x Ø6-12mm (incoming) – Cable Glands 8 x Ø2-3mm (exiting) - Grommet	-

Optical Specifications

Feature	Value
Splice Tray Capacity / Splice Holder Capacity	1 / 16
Compatible Splice Protectors	Shrink Ø2.3-2.6mm | 40 to 60mm long | 45mm 3A preferred
Splice Tray Fibre Type Compatibility	ITU.G.652.D | ITU-T.G.657.A1 | ITU-T.G.657.A2
Adaptor Capacity	8 x SC Simplex Flanged | 8 x LC Duplex (SC Footprint) Flanged
Pigtail Capacity	8 x SC | 16 x LC*
Splitter Capacity – SC connectivity	Up to 4 x 1:2, 2 x 1:4 or 1 x 1:8 PLC Splitter(s)
Splitter Capacity – LC connectivity	Up to 2 x 1:4 or 1 x 1:8 PLC Splitter(s)
PLC Splitter Housing Dimensions (L x W x H)	40 x 4 x 4mm (250 Micron)

*LC capacity reduced if configuring with PLC splitters (2 x 1:4, 1 x 1:8 or 1 x 1:4 + 1 x 1:8) - max. support for six LC duplex adaptors and twelve pigtails.

Ordering Information

Product Description	Configuration	Part Number
MDx16i Fibre Termination Point (FTP-x16i)**	Empty MDx16i Enclosure	009-200-002-08
MDx16i Fibre Termination Point pre-loaded with 2 x SC/APC SPX Adaptor	MDx16i Enclosure 2 x SC/APC Simplex Adaptor	009-200-003-02
MDx16i Fibre Termination Point pre-loaded with 4 x SC/APC SPX Adaptors	MDx16i Enclosure 4 x SC/APC Simplex Adaptors	009-200-003-04
MDx16i Fibre Termination Point pre-loaded with 6 x SC/APC SPX Adaptors	MDx16i Enclosure 6 x SC/APC Simplex Adaptors	009-200-003-06
MDx16i Fibre Termination Point pre-loaded with 8 x SC/APC SPX Adaptors	MDx16i Enclosure 8 x SC/APC Simplex Adaptors	009-200-003-08
MDx16i Fibre Termination Point pre-loaded with 2 x LC/APC DPX Adaptor	MDx16i Enclosure 2 x LC/APC Duplex Adaptor	009-200-004-04
MDx16i Fibre Termination Point pre-loaded with 4 x LC/APC DPX Adaptors	MDx16i Enclosure 4 x LC/APC Duplex Adaptors	009-200-004-08
MDx16i Fibre Termination Point pre-loaded with 6 x LC/APC DPX Adaptors	MDx16i Enclosure 6 x LC/APC Duplex Adaptors	009-200-004-12
MDx16i Fibre Termination Point pre-loaded with 8 x LC/APC DPX Adaptor	MDx16i Enclosure 8 x LC/APC Duplex Adaptors	009-200-004-16

**MDx16i enclosure includes kit bag containing: 1 x D-Shape key, N x splice protectors, N x wall fixings, N x cable ties and X length of transport tubing.

For other requirements please contact your Account Manager or Connectix Sales for more information.

For pigtails, please refer to the xxx data sheet or contact your Account Manager or Connectix Sales for more information.

For splitters, please refer to the xxx data sheet or contact your Account Manager or Connectix Sales for more information.