

FDC XS 2.6

Fibre distribution cabinet

The XS fibre distribution cabinet was designed for universal use as an outdoor optical fibre distribution system for FTTH/B expansion areas to enable optical fibre connections to be rapidly provided in remote areas as well. It is a proven small cabinet that also blends perfectly into the townscape or cityscape.

Benefits of Langmatz fibre distribution cabinets

▲ Uses

- Designed for Gigabit Passive Optical Network (GPON) and Point to Point-Ethernet (PtP) technology in optical fibre access networks

▲ Flexibility down to the last detail

- New component for micro cable organisation: 6x OF cables with Ø 2.5 – 4.0 mm
- Various micro-duct pipe diameters both in the inlet and also in the outlet

▲ Stability, security and safety – during installation and in operation

- Strain relief option for the OF cable in the inlet area
- Improved micro cable routing, thanks to the optimised position of the micro cable organiser
- Ultra-compact design
- Excellent UV and weather resistance

Expansion options for fibre distribution cabinets

▲ Inlet area

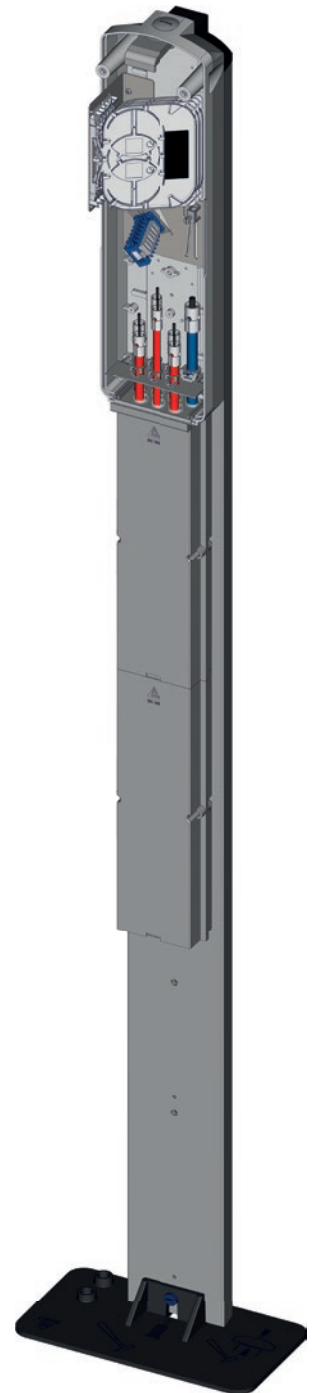
- Micro-duct pipe / cable inlet with fixing and strain relief for 1 x micro-duct pipe with Ø 7, 10 or 12 mm and associated OF cables
- Optimised micro cable routing throughout, from the entry port to the tray section
- Base plate for routing and sealing the micro-duct pipes and optical fibre cables, including organisation and individual strain relief of the micro-duct pipes

▲ Outlet area

- Organisation of micro cables with Ø 2.5 – 4.0 mm
- Micro-duct pipe capacity for 6x Ø 7 mm / 6x Ø 10 mm
- Micro-duct pipe management system with DUO strain-relief lugs (Ø 7 mm and 10 mm) for tool-free organisation and fixing of outgoing micro-duct pipes
- Use of commercially available micro-duct gas stops is possible

▲ Optical fibre installation kit

- Mounting panel equipped with an organiser module to accommodate up to six E&MMS fibre tray systems
- Fibre tray slots for up to 6 E&MMS splice fibre trays (5 mm) (maximum of 36 splices) or up to 3 splice fibre trays (10 mm)
- Simple configuration of splice fibre trays and tool-free replacement is possible



Technical data

Designation	FDC XS 2.6
Dimensions (W x H x D)	120 x 140 x 505 mm
Weight of basic kit	Approx. 2.1 kg
Cabinet material	Polycarbonate (PC)
Housing colour	RAL 7023 concrete grey
Protection rating	IP 54, protection class II
Impact resistance	IK 10
Closing mechanism	Prepared for profile half-cylinders
Temperature range	-30°C to +70°C
Fire protection class	UL94 V-2
Inlet cable / inlet micro-duct pipe	1x Ø 7, 10, 12 mm
Inlet cable / inlet micro-duct pipe	6x Ø 2.5 – 4 mm 6x Ø 7, 10 mm
Number of fibres	Standard: maximum 72 fibres
Article number of basic kit	062238010 with stand and cable duct 062238011 without stand and cable duct

Detailed view of cabinet

