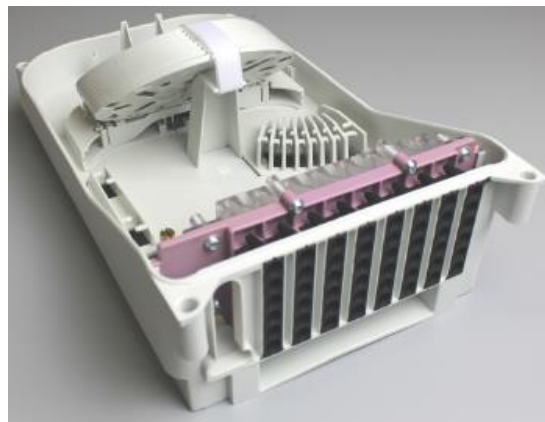


Distribution closure direct buried for 12-24-48 drop tubes Drop tube diameter 7.0 mm

Prysmian Part Number: See below



Closure with cable storage



Fibre Management unit

The Fibre to the Home Distribution Closure is a direct buried closure developed to create a combination of the traditional hand hole and splice closure function. It provides a clear separation in the installation process between the civil work and fibre splicing. The closure provides an underground storage space for the excess length of the feeder- and drop cables. Its compact size fits in the trench and is easy installed by civil workers. A quick start-up of the first phase can be achieved because the closure is independent of the FttH concept. The standard location marker eases precise digging for each further process step. Cable excess length enables fibre splicing in a controlled environment above ground.

The Fibre Management splice unit provides an easy entry watertight seal and integrated cable tension relief for each individual cable. After splicing the FM unit is mounted watertight on the inside of the black protective cover and the cable excess length is stored in the underground closure.

Capacity for one feeder cable or Window Cut loop and maximum 48 direct buried drop tubes.

The maximum splice capacity is 96 splices with 45x2.4 mm heat shrink protectors.

Closures with part numbers marked with * (see page 2) can be modified to accommodate branch or drop cables with a central strength element in drop port 37 and/or 43 (left lower side of the drop port array)

The additional items to make this conversion are listed on page 3.

Features and Benefits

Closure

Features:

- Compact size
- Direct buried
- Standard with a location marker @101.4 kHz
- Protection of stored underground cable excess length
- Impact resistant
- Halogen-free

Benefits:

- Universal product for civil workers independent of the FttH concept
- Easy to install
- Low TCO (total cost of operation)
- No special tools required
- Easy access to the stored cable excess length

Kit Contents

Closure and Fibre Management unit.

Features and Benefits continued

Fibre Management module

Features:

- Easy to install
- Structured management of cables and fusion splices
- Integrated cable retention
- Protection class IP 68
- Halogen-free

Benefits:

- Easy access to the closure in the ground
- Ready to start kit
- Easy entry seal for each individual cable
- Low TCO (total cost of operation)
- No special tools required

Technical Data

• Closure entry ports	2x 50 mm
• Fibre Management unit	Tolerance on drop tube diameter is +/- 0.4 mm, see entry port diameters under Logistics
• Splice trays	Capacity 12 splices per tray, tray type see under Logistics
• Fibre bending radius	Minimum 30 mm
• Location marker	101.4 kHz, placement max. 1.80 m under surface level
• Place of installation:	Group 1 & 2 European Standard EN124 Embedded in sand, cover minimum 300 mm below surface level
• Impact resistance	20 Joule, steel ball 1 kg, 2 meter height
• Water immersion	IP 68, EN60529, 1 meter water column for 7 days
• Cable torsion	90 degrees, 400 mm
• Vibration	10 Hz, amplitude 3 mm, 10 days
• Chemicals resistance	5%HCL, 5%NaOH, 5%NaCL Kerosene/ Petroleum jelly/ Diesel acc. to EN590 24 hours
• Tube retention	7.0 mm: 156 N
• UV resistance	UV resistant for short term exposure, not for permanent exposure
• Temperature range	Transport and storage: -10°C to 50°C Installation: -10°C to 50°C Operation: -20°C to 60°C

Logistics

Closure

Dimensions (lwxh)	900x300x350 mm
Weight	10 kg

Part number

XJTSC02379

Description

Closure without Fibre Management unit

Fibre Management unit

Dimensions (lwxh)	380x220x130 mm
Weight	2 kg

Part number	Feeder port	Drop port	Drops	Trays	Splice protector	Application
XJTSC02511*	5.8 – 8.3 mm	7.0 mm	12	2x 8 mm 45x2.4 mm HS	None	Window-cut
XJTSC02391*	5.8 – 8.3 mm	7.0 mm	24	4x 8 mm 45x2.4 mm HS	None	Window-cut
XJTSC02512	5.8 – 8.3 mm	7.0 mm	48	8x 8 mm 45x2.4 mm HS	None	Window-cut

Additional Items

Splice protectors

Part number	Description
XPESC00031	Heat shrink splice protector 45x2.4 mm (pack of 50 pcs)

Microduct seals

Part number	Description
XBFSC01803	Gasblock straight connector 14/3-6 mm
XBFSC01657	Gasblock straight connector 7/0.5-3 mm
XBFSC01802	Gasblock wrap-around end seal 14/5.0-6.5
XBFSC01877	Rubber seal 4.0/1.1 mm orange

Dummy plugs

Part number	Description
XJTSC01429	Dummy plug for all FM units

O-ring seal for fibre management unit

Part number	Description
XJTSC02017	O-ring seal for all FM units (100 pcs)

Desiccant silica gel bag

Part number	Description
XJTSC02018	Desiccant bag for all FM units (100 pcs)

Additional Items for branching one extra cable

The closure can be modified to accommodate an extra branch cable in drop cable port number 37 and/or 43.
The additional items to make this conversion:

Strength element terminal

Part number	Description
XEXSC01826	Strength element terminal



Splice trays

Part number	Description	Max./closure	Extra capacity
XKTSC01323	2 trays 8mm 12x HS 45x2.4m	2	48
XKTSC01324	4 trays 4mm 12x ANT/HS 30x1.1 mm	2	96



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