FTTH Drop Cabinet

for 48f & 96f customer connections

COMMSCOPE®

FTTH Drop Cabinet is designed for outdoor applications (IP54) and needs to be placed on an in-ground root or concrete pre-fabricated base. Cabinet has a robust construction, coupled with a variety of vandal resistant features. Cabinets are supplied fully assembled ready for immediate deployment.

CABINET SPECIFICATION

- External dimensions (including 90mm apex roof): 985 H x 535 W x 330 D

- Material: 1.4003 grade stainless steel, fully welded construction

- Finish: polyester powder coat, BS381C SHADE 223 'Bronze Green' or RAL 7035 "Light Grey", smooth texture

- Single door with removable LH lift-off type hinges and 2-point locking from barrel type lock

- Roof overhangs door front face by 15mm

- Ventilation louvres in cabinet door

- Designed to meet IP54 with optional filter media fitted behind louvres

- Backboard sets into a "U" channel at the bottom of cab, secured with two swing latches at top

- 3 hank bushes on each internal side for fixing of fibre basket(s)

- All parts fully earth bonded with 4mm² earth cables

INGROUND ROOT

- 280 mm high with open front

- Neoprene gasket seal on top face where cabinet will join

POLYSTYRENE INSULATION

- For increased resistance to internal dew condensation

- Fitted to door and roof

OPTIONAL UPGRADE FOR ANTI-GRAFFITI PAINT FINISH

PACKAGING AND DELIVERIES

- Cabinets supplied stacked 8 per pallet and shrink wrapped in polythene

- All roots bulk packaged without protective material, 40 per pallet and shrink wrapped in polythene
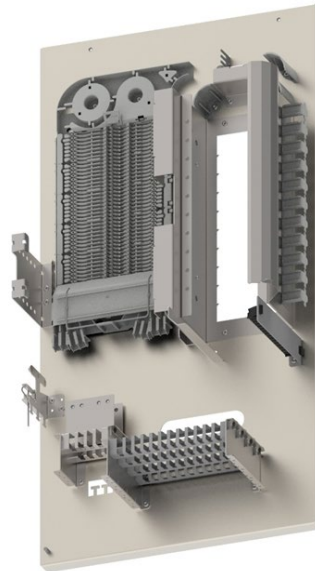
FTTH Cabinet inner-work for 48f customer connections

The cabinet system offers 48 LC/APC Simplex connections in a point to multipoint application in FIST™ transient-free management system. The cabinet is supplied with no splitters for homes passed application. The splitter modules can be orderd separately from our wide OCM1 LGX Style Fiber Optic Splitter Modules portfolio. Maximal splitting ration is N:32. The cabinet solution offers a parking lot for future customer activation by simple snapping the OCM1 LGX splitter module in the mounting position.

FEATURES:

· 48 Point-to-multipoint positions, SC & LC footprint

· 8 branch-off blown fiber Ø8mm tube positions

· 48 direct drop blown fiber Ø8mm tube positions

· 10 OCM1 LGX Style Fiber Optic Splitter Module positions

· Transient-free, modular, flexible fiber management ·

· FIST single-circuit and single-element splice trays

· Up to 480 splices

· Storage area for looped cable

· Compatible with all fiber types: G.652D and G.657 series

· Fast and simple installation

Feeder cable bracket for loop through applications and one extra branch off cable with possibility to terminate cables up to 23mm. a strength member or aramid yarns.
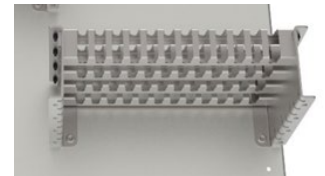
Feeder cable/tube management bracket for up to 8 single blown fiber Ø8mm tube positions at the bottom of the cabinet provides fast and easy way for termination of blown fiber tubes, snap in feature. The bracket is delivered with CTU for a strength member termination.
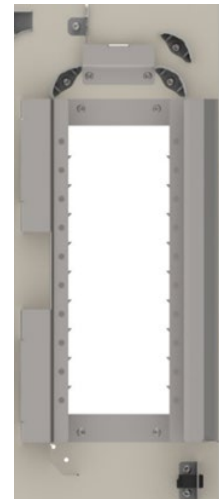
Two extra t-shape slots for a bigger diameter feeder tube at the bottom of the bracket.

Drop cable/tube management bracket for up to 48 single blown fiber Ø8mm tube positions at the bottom of the cabinet provides fast and easy way for termination of blown fiber tubes.

Drop patch panel for up to 10 OCM1 LGX Style Fiber Optic Splitter Modules.

CABINET ORDERING INFORMATION:

MID	Description	Additional information	MOQ
760246205	FIST-CAB6-I3-KIT01-48F-UK00	Cabinet including inner-work	8 pieces
760248043	FIST-CAB6-I3-01-IGR-280-UK00	Inground-root for the cabinet	8 pieces
760246203	FIST-CAB6-I3-KIT01-INW-48F-UK00	Only inner-work	8 pieces
760246204	FIST-CAB6-I3-KIT01-INW-96F-UK00	Only inner-work	8 pieces

OCM1 SPLITTER ORDERING INFORMATION: STANDARD LGX TYPE FOOTPRINT

MID	Description	Additional information	QTY Required for 48 drops	QTY required for 96 drops
CY2615-000	OCM1-SP414OOL2	OCM1 LGX Style Fiber Optic Splitter Module, Planar, four 1x4 Splitter, singlemode, LC/APC, symmetrical split ratio	3	6
EH0787-000	OCM1-SP11800L2	OCM1 LGX Style Fiber Optic Splitter Module, Planar, one 1x8 Splitter, singlemode, LC/APC, symmetrical split ratio	6	12
860633528	OCM1-SP21800L2	OCM1 LGX Style Fiber Optic Splitter Module, Planar, two 1x8 Splitter, singlemode, LC/APC, symmetrical split ratio	3	6
EG9250-001	OCM1-SP11400S2-AP	OCM1 LGX Style Fiber Optic Splitter Module, Planar, one 1x4 Splitter, singlemode, SC/APC, symmetrical split ratio	10*	12**
CU4755-000	OCM1-SA21400S2	OCM1 LGX Style Fiber Optic Splitter Module, FBT, two 1x4 Splitters, singlemode, SC/APC, symmetrical split ratio	6	12
CY3912-000	OCM1-SP11800S2	OCM1 LGX Style Fiber Optic Splitter Module, Planar, one 1x8 Splitter, singlemode, SC/APC, symmetrical split ratio	6	12

*Max LGX positions for 48f cabinet is 10. Using SC/APC 1:4 splitters allow for a maximum of 40 drops.
**Max LGX positions for 96f cabinet is 12. Using SC/APC 1:4 splitters allow for a maximum of 48 drops.

CY2615-000
0CM1-SP41400L2

EH0787-000
OCM1-SP11800L2

860633528
OCM1-SP21800L2

EG9250-001
OCM1-SP11400S2-AP

CU4755-000
OCM1-SA21400S2

CY3912-000
OCM1-SP11800S2

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