

Fibre to the Antenna (FTTA) Hybrid Junction Box

Prysmian Part Numbers: See below



The FTFTA Hybrid junction box is an aerial enclosure designed to take a single incoming preterminated hybrid cable and redistribute to up to 4 Hybrid RRH jumper cables. The box comes preconfigured ready for fibre and power connections in the access compartment and external hybrid connections. The box comes with a pole mounting kit or wall mounting bracket which allows easy, secure mounting to a mast, pole or wall.

Features and Benefits

- A patented, compact and lightweight aerial closure for FTFTA applications
- Closure has up to four output connectors
- Each output port accommodates a preterminated hybrid jumper cable + fanout for RRH.
- Two preterminated 12f MPO/MTP connector inputs
- 4f or 8f MPO/MTP output capability
- Two preterminated power connections giving up to 4 circuits
- Preterminated and delivered in a specified configuration
- Internally tethered to improve aesthetics and prevent damage or loss
- Sealed to IP66* and UV resistant to ISO 4892
- Simple installation with minimal basic tools
- Dimensions 377 (h) x 165 (w) x 140 (d)

Kit Contents

The FTFTA hybrid junction box is supplied, preassembled with: -

- 01 x Box
- 01 x Eyebolt
- 02 x Power connections
- 02 x Fibre connections

Additional Items

- Pole Mounting kit
- Wall Mounting kit

Part Numbers

XXXXXXXX – preconfigured for 4 output jumper cables

Technical Data

- No. of incoming cable ports: 1
 - No. of output connector ports: up to 4
 - No. of fibre connections: 24 via two connections
 - No. of power connections: 2 (4 circuits)
 - Power Connection Type: Molex
 - Fibre Connection Type: MPO/MTP
 - Dimensions: (l) 377 x (w) 165 x (d) 140 mm
 - Colour: Black
 - Materials: Glass Filled Polycarbonate (enclosure components), Glass Filled nylon.
 - UV resistance: Resistant to ISO 4892-3 – 1000 hours
 - **Temperature range:**
 - Transport and storage -10°C to +85°C*
 - Installation -10°C to +50°C*
 - Operation -10°C to +85°C*
 - Static load: 1000 N*
 - Impact resistance: 10 Nm @ 20 °C, radius 100 mm
 - Water immersion: IP66
 - Vibration: IEC 61300-2-1
 - Shock: 100G*
- *to be confirmed/tested*

Logistics

- Packing Dimensions (mm): 411 (l) x 236 (w) x 186 (d) (No. per euro pallet = xx at xxKg total weight)
- Packed Weight (kg):
- Net Weight (kg):

Additional Items

Pole Mounting Kit

The pole mounting kit is used to secure the enclosure to the pole or mast by way of three adjustable hose clamps

Part Number	Pole diameter	Qty
XXXBP01804	45-215 mm	3



Wall Mounting Kit

The wall mounting kit is used to secure the enclosure to a wall or flat surface.
Kit includes necessary screws



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