

Fiber distribution cabinet



Fiber distribution cabinet (FDC), up to 576 fibers, 48 outbound cables, loop, IP54

- Scope of delivery: FDC housing, FDC plinth, 24x strain-relief for ducts, strain-relief with fiber routing, cable overlength tray, loop
- Plastic housing made of glass-fiber-reinforced duroplastic polyester
- swinging splice tray
- C-rail in plinth for composite support
- Door latch with three-point locking
- Strain relief for up to 48 micro-duct pipes 7-12 mm
- Installation of up to 48 splice trays 4 mm
- ribbed front ensures more difficult placarding
- Housing with predetermined breaking point

Article no:	4231011
EAN:	4013456582460
Network level	3
Installation type	Overground
Protection class	IP54
Chemical resistance	Yes
Vibration strength	Yes
Halogen-free	Yes
Number of fibers	up to 576
Number of splice trays	up to 48
Height of splice trays	4 mm / 8 mm
Cascadable (loop function)	Yes
Loop length (splice tray)	300
Bending radius (splice tray)	30 mm
Splice protection holder	CSS / HS
Entry cable/duct	5
Cable/duct entry Ø	Metric gland M25
Cable input loop	Yes
Cable/duct output quantity	48
Cable/duct output Ø	7 - 12 mm
Fixing possibility	Pipe support via tilting lug
Temperature range storage	-10 °C / +50°C
Temperature range installation	-10 °C / +50°C
Temperature range during operation	-20 °C / +60°C
Height incl. base	1600 mm
Width	345 mm
Depth	240 mm
Height above ground	1000 mm
Colour	Light grey - RAL 7035

The fiber distribution cabinet (FDC) is the distribution point of the optical fiber between PoP and house. Due to weather resistance it can be used for above ground distribution. It offers the possibility to carry out later splicing works without additional works in the ground. A subsequent blowing-in of branch-cables is possible.

- Can be used in Point-to-Point and PON (Passive Optical Network) networks
- Ideal for above-ground distribution of fiber optic networks
- Use of 4 mm and 8 mm splice trays