

## Fiber distribution cabinet



### Fiber distribution cabinet (FDC), up to 1,728 fibers, 96 outbound cables, loop, IP54

- Scope of delivery: FDC housing, FDC plinth, 48x strain-relief for ducts, strain relief with fiber routing, cable overlength tray, loop, 2 energy chains
- Plastic housing made of glass-fiber-reinforced duroplastic polyester
- Can be aligned without any gaps
- Variable door opening angle 90° or 130°
- Door latch with three-point locking
- Strain relief for up to 96 micro-duct pipes 7-12 mm
- Installation of up to 144 splice-trays 4 mm
- Energy chain ensures the connection between door and housing
- Housing with predetermined breaking point

<b>Article no:</b>	<b>4231012</b>
EAN:	4013456582477
Network level	3
Installation type	Overground
Protection class	IP54
Chemical resistance	Yes
Vibration strength	Yes
Halogen-free	Yes
Number of fibers	up to 1.728
Number of splice trays	up to 144
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	8
Cable/duct entry Ø	Metric gland M25
Cable input loop	Yes
Cable/duct output quantity	96
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	1820 mm
Width	785 mm
Depth	324 mm
Height above ground	1190 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