

ONT L 3.0

Optical distribution and termination box with Langmatz fibre trays

The Langmatz ONT L 3.0 is a quality product that combines innovative as well as proven and tested features. It provides for the management of up to 144 optical fibres integrated into a robust, protected polycarbonate cabinet with IP54 protection. It is characterised by its ease of handling, simple installation and flexibility. It also meets the high quality standards required for incorporating, laying and commissioning sophisticated optical fibre technology. What is more, it is approved and eligible for Germany's National Broadband Funding Programme. Now with Langmatz fibre trays.

Advantages

▲ Flexibility down to the last detail

- Ø 7, 10, 12 and 16 mm cable/micro-duct pipe inlet/outlet at the bottom left
- Proven fibre management system with organiser and splice fibre trays
- Slot for up to 24 couplers (SC/LC/E2000)
- Design variants: With Langmatz fibre trays, varying number of couplers or coloured pigtails
- Accommodates commercial micro-duct gas stop

▲ Application and eligibility for German government aid

- Transition to the customer's network
- Single-family homes, apartment blocks and/or corporate customers are eligible for German government aid
- Can be used for a plug connection, fusion splice and splitter
- Can be used as a splice distributor or splice patch distributor

▲ Stability and safety – during installation and in operation

- Optimum fibre management by a guide in the cabinet and F-M-S
- Compliance with minimum bending radii
- Outlet cable is protected and organised by outlet seal
- Adapter replacement during ongoing operation



▲ ONT L 3.0 closed



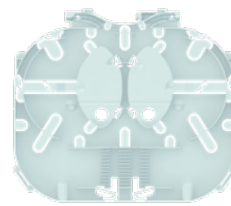
▲ ONT L 3.0 open

Technical data

Designation	ONT L 3.0
Dimensions W x H x D	223 x 320 x 93 mm
Weight	approx. 1.2 kg
Cabinet material	Polycarbonate (PC)
Cabinet colour	Light grey (RAL 7035)
Inlet cable / micro-duct pipe	1 x Ø7, 10, 12, 16 mm
Outlet cable / micro-duct pipe	48 x Ø 1.8 - 3.4 mm 1 x Ø 7, 10, 12 mm
Closing mechanism	Sealable, countersunk seals, Torx screw
Number of fibres and couplers	Standard: maximum 72 fibres & 24 couplers Extension (spl. dist.): maximum 144 fibres & 12 couplers
Coupler section	LC Duplex, SC Simplex, E2000 (restricted) or a mixture thereof
Impact resistance	IK 08
Screws	Stainless steel
Temperature range	-33° to 70°C
Protection rating	IP54
Diameter of outlet cable	1.8 – 3.4 mm
Fire protection class	UL94 V-2

Package includes

- ▲ 1 x cabinet with cover
- ▲ 1 x organiser with Langmatz fibre trays
- ▲ 2 x sealing elements for cable outlet
- ▲ 1 x fastening screw for strain relief
- ▲ 2 x strain relief panels for Ø 10 mm, Ø 12 mm
- ▲ Installation set for wall installation (screws, dowels)
- ▲ Installation instructions (online version)
- ▲ Coloured pigtails (optional)



▲ Langmatz fibre tray

Markings

- ▲ Laser safety symbol

