

## EK770 ONT L

### Optical distribution and termination box

The Langmatz ONT size L optical distribution and termination box is a quality product that combines innovative as well as proven and tested features. It enables the management of up to 144 optical fibres integrated into a robust, protected polycarbonate cabinet with protection rating IP 54. 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.

### Advantages of Langmatz distribution and termination boxes

#### ▲ Flexibility down to the last detail

- Ø 7, 10, 12 and 16 mm cable/micropipe inlet/outlet at the bottom left
- Proven fibre management system with organiser and splice cassettes
- Slot for up to 24 adapters (SC/LC/E2000)
- Accommodates commercially available strain relief sealing elements for micropipes
- Installation/commissioning/service without the need for special tools

#### ▲ 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

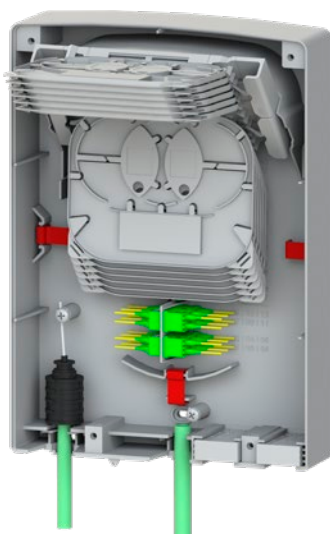
#### ▲ Stability and safety – in installation and operation

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

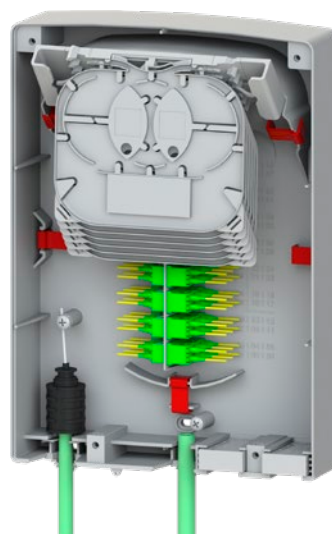


▲ EK770 ONT L  
Closed

### Variants



▲ Extended splice patch distributor  
(144 fibres – 12 adapters)



▲ Standard splice patch distributor  
(72 fibres – 24 adapters)

## Technical data

<b>Designation</b>	EK770 ONT L
<b>Dimensions (W x H x D)</b>	223 x 320 x 93 mm
<b>Weight of basic kit</b>	Approx. 1.2 kg
<b>Cabinet material</b>	Polycarbonate (PC)
<b>Housing colour</b>	RAL 7035 light grey
<b>Inlet cable / micropipe</b>	1x Ø 7, 10, 12, 16 mm
<b>Outlet cable / micropipe</b>	48x Ø 1.8-3.4 mm 1x Ø 7, 10, 12 mm
<b>Closing mechanism</b>	Sealable, countersunk seals, Torx screw
<b>Number of fibres and adapters</b>	Standard: maximum 72 fibres & 24 adapters Extension: maximum 144 fibres & 12 adapters
<b>Adapter section</b>	LC Duplex, SC Simplex, E2000 (restricted) or a mixture thereof
<b>Impact resistance</b>	IK 08
<b>Protection rating</b>	IP 54
<b>Temperature range</b>	-30°C to +70°C
<b>Diameter of outlet cable</b>	1.8 – 3.4 mm
<b>Fire protection class</b>	UL94 V-2