

PRESS RELEASE

For immediate publication!

New from Langmatz: compact optical distribution and termination box

For easy installation and commissioning of sophisticated optical fibre technology

Garmisch-Partenkirchen, September 20, 2017 – In line with the motto “fibre future”, Langmatz GmbH has been offering complete solutions for FTTB/H optical fibre expansion for many years and has partnered up with communities, public utilities and telecommunication operators in numerous broadband expansion projects across Germany. Now the Garmisch-Partenkirchen-based company is launching a new optical distribution and termination box, called “compact” (ONT EK 440 compact).

Product with tried and tested properties

“Due to many customer requests for a variant of the tried and tested ONT EK 330, which boasts extensive areas of application, we decided to develop a product in the lower price segment. The new ‘compact’ features the same quality, though slightly less functionality, which, however, is sufficient for many,” explains Stephan Wulf, CEO of Langmatz. As the name suggests, the “little brother” is an extremely compact product. It enables management of twelve optical fibres integrated into a robust and protected polycarbonate housing (protection rating IP 54). It is suitable for use to transfer to customer networks, for single-family homes or multiple-family dwellings as well as for companies, and can also be used with pigtail adapters, direct fusion splice connections and splitters.

Easy to install and flexible down to the last detail

The Langmatz ONT EK 440 compact is designed for easy installation, mounting, routing and commissioning of sophisticated optical fibre technology. Great emphasis has also been placed on high flexibility down to the last detail. It is possible, for example, to select the inlet and outlet of cables and micropipes with a diameter of five, seven, ten or twelve millimetres freely at the bottom left or right. The removable mounting panel for fibre management and adapter/splice protection storage has slots for six adapters. Commercially available strain reliefs/gas-stops for micropipes can also be accommodated. There are also several types of closing/locking

mechanisms available for the housing including a protection seal option. Another plus: no special tools are required for installation, commissioning or service.

Stability and safety – for installation and operation

Fibre management is kept simple through the guided routing on the mounting panel, and there is also a protected splice area available for secure connection of the cables. Compliance with given bending radii is ensured via predefined fibre guides. The outgoing cables are protected via silicone seals. A particular advantage of the ONT EK 440 compact is that adapters can even be removed during ongoing operation.

The scope of delivery includes a housing with cover, a mounting panel, two sealing elements for the cable outlets and installation instructions, available online.

Notes for the editorial staff

The Langmatz portfolio covers all components needed for optical fibre expansion from the central office all the way into the building: protection and monitoring systems, central office optical distribution frames (CO-ODFs), polycarbonate manholes, optical fibre distribution frames (ODFs), distribution equipment with fibre enclosures, building cable & pipe entry systems as well as optical distribution and termination boxes (ONTs).

In the event of a publication, we would be delighted to receive a copy. Thank you!

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