

## PRESS RELEASE

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ANGA COM 2024:

### **Langmatz presents new fiber management for network distributors**

#### **System for fiber distribution housings and fiber management facilitates handling**

**Garmisch-Partenkirchen, April 23, 2024** – Langmatz, specialist in building future-proof FTTX fiber optic and FTTH-5G networks, offers a comprehensive portfolio of high-quality infrastructure components – from the Central Office to the Customer Premise. As a trade fair novelty at ANGA COM 2024, the company from Garmisch-Partenkirchen presents a completely new fiber management system that significantly simplifies the installation and handling of fibers in fiber optic network distributors and termination points.

For the new "Langmatz Fiber Management System 3.0 (LFMS 3.0)," all components relevant to fiber cable distribution, from the mounting plate to the splice cassettes, were developed in close cooperation with customers in-house. Fiber routing, bending radii, and threading have been significantly optimized. To accommodate higher fiber density, the hinge channel between the newly developed cassettes and organizers has been enlarged. To prevent unintended fiber ejections, the hinge channels automatically close when the cassettes are locked.

"Our research and development department has examined all aspects of fiber management and developed innovative solutions that not only simplify the complex installation and organization of fibers but also make it faster and more efficient," explains Marketing Director Dieter Klasmeier the benefits. All internally developed components are made from recycled plastic at the company's own facility in Oberau, without the addition of purchased parts. This ensures a reliable supply chain for the new system.

#### **Easier organization and accessibility of fibers**

To facilitate fiber routing, protection, organization, and accessibility, the new fiber management system offers a variety of optimizations:

- **Mounting Plate 3.0:** A screwless plug-in system that allows flexible positioning of the access cable catch in the door and easier and faster replacement of components.
- **Micro cable sorting 3.0:** Adapter plates are no longer necessary, and a larger overall diameter range of micro cables can be used (gray: 16 x  $\varnothing$  1.2mm - 2.5mm; blue: 12 x  $\varnothing$  2.3mm - 4.6mm)

- **Headpiece 3.0:** The fiber entry area has been widened to 2 x 105mm per headpiece. In addition, the stripping area in the new version is marked.
- **Access cable catch 3.0:** In the door access catch, 7 HK cables  $\leq \varnothing 6.5\text{mm}$  or alternatively 4 HK cables with  $\varnothing 10.5\text{mm}$  (or 4 corrugated hoses up to  $\varnothing 13.5\text{mm}$ ) can be attached. It includes a plug-in system, integrated strain relief brackets, and has a bending radius of R45.
- **Organizer & Fiber Bridge 3.0:** An organizer offers 18 cassette locking positions, where the risk of fiber breakage has been significantly reduced, as there are few gaps, columns, edges, or slots where fibers could get caught. The single fiber bridge has a comfortable plug-in system without screws.
- **Cassettes & Organizers:** Cassettes and organizers were specially developed by Langmatz and, like all other components, are produced in-house. The cassettes feature a patented positioning system that can be securely locked in three positions for quick and easy installation. An integrated holder allows the inclusion of one splitter (up to 1:32) in the 5mm cassette. Another advantage: cassettes and organizers offer a high color contrast due to their bluish coloration, especially compared to gray/white fibers, without losing contrast to blue/light blue fibers.
- **Hood 3.0:** As sun and rain protection and for safe storage during installation, the Gf-NVt in the "Large" version additionally has a protective hood that can be hung on the door.

### Use of the system in fiber housings

With the Fiber Management System 3.0, the specialist for fiber housings expands its product range with an integrated, high-quality system, all of whose components were not only developed in-house but also manufactured in its own factories. The fiber management system will be used in the housings of the company's own fiber network distributor series under the product name Gf-NVt 3.0 in five different sizes and in two variants of fiber termination points.

Convince yourself personally of our new fiber management system and visit us at ANGA COM 2024: You will find us in Hall 8 / Booth C31.

### Complete solutions for fiber optic expansion

Langmatz's FTTX product portfolio includes protection and monitoring systems, fiber main distributors, plastic cable ducts, above-ground fiber network distributors, underground distribution facilities, house entries, and fiber termination points. The internationally active company is one of the leading infrastructure providers for broadband networks, energy distribution, and traffic technology in Europe.



Image 1

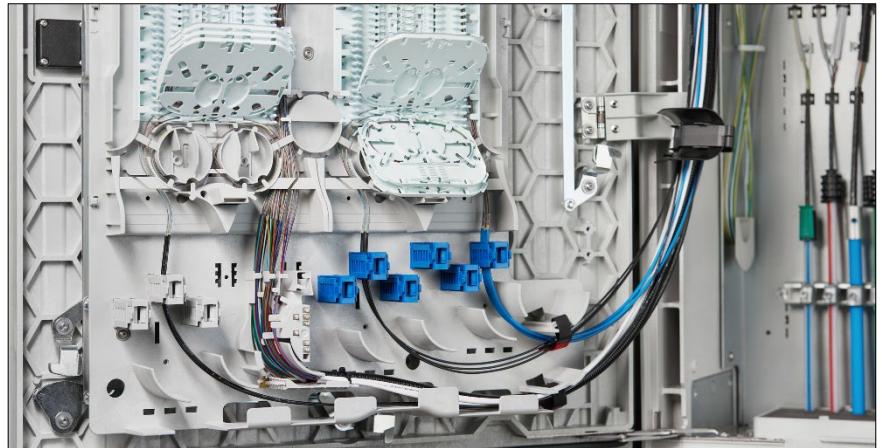


Image 2

### Caption

**Image01:** A Langmatz fiber network distributor with the new Fiber Management System 3.0. (Photo: Langmatz)

**Image02:** Easier handling of the glass fibers: fiber routing, bending radii, and threading have been optimized, the hinge channel between cassettes and organizers has been enlarged. (Photo: Langmatz)

For more information: [www.langmatz.de](http://www.langmatz.de)

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