



Microduct system for FTTx networks





Why Us?

With a legacy spanning over 37 years, Sanbor is a distinguished name in the plastic pipe industry. As a leading manufacturer, we have firmly established our presence in critical sectors, including telecommunications, water infrastructure, and agricultural irrigation.

In today's technologically advanced landscape, our role is pivotal. Sanbor is committed to empowering high-speed telecommunications networks through a comprehensive range of innovative products. From precision-engineered microducts to advanced accessories, we facilitate seamless connectivity. Our unwavering commitment to excellence is driven by continuous investments

in state-of-the-art manufacturing technologies, a proficient workforce, and a sterling global reputation.

Sanbor Fiber takes immense pride in being a trusted supplier to Deutsche Glasfaser, one of Germany's foremost operators. Our headquarters and two production facilities are strategically situated in Turkey, where a dedicated team of over 80 professionals ensures the quality and reliability of our products. Operating in more than 20 countries, we have been instrumental in connecting the world with high-quality solutions.

The relentless expansion of high-speed fiber optic networks necessitates the use of cutting-edge cable protection ducts and

advanced installation methods. Sanbor specializes in manufacturing Microducts, available in sizes ranging from 5 mm to 20 mm, offering the flexibility to bundle up to 25 single microducts together, tailored to precise requirements. Our microducts are designed for effortless insertion into cable shafts, HDPE ducts, or other pipe systems, as well as for direct buried installations.

At Sanbor, our commitment to excellence, innovation, and the global telecommunications industry remains steadfast. We look forward to continued growth and the opportunity to contribute to the evolution of high-speed networks worldwide.



**Deutsche
Glasfaser**

Approved

Single Duct

The diversity in broadband expansion results in increased demand for individually designed pipe bundles. With our production know-how and advanced mold workshop, we are able to respond quickly to these requirements with a variety of options and enable you to create your own individual combination by combining channels of various numbers and sizes.



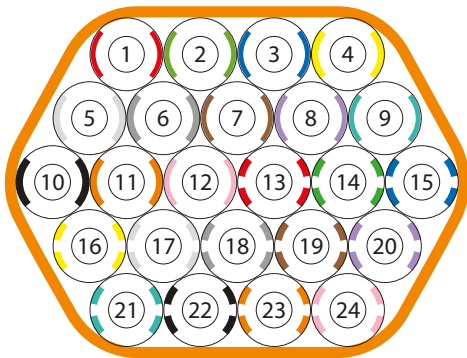
Multi Duct



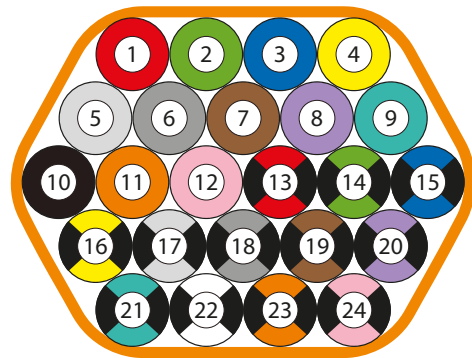
The jacket is permanently marked with inkjet printing. It is possible to additionally apply the company name when signing the jacket of the pipe bundles. If necessary, the signature can be offset by 180°. Two vertical stripes can be extruded additionally. The color design of the jacket can be made according to customer requirements.



Color Coding



Translucent ducts, 1-12 tubes, with single stripe, 13-24 tubes with double stripes



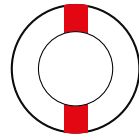
Colored outer layer. From tube 13, colors with single stripe



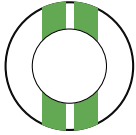
Custom colors are available for Microducts and Oversheath

The color requirement for individual pipes is made with approx. 6.0 mm extruded wide color stripe or a colored outer layer. The tube colors are manufactured according to DIN VDE 0888.

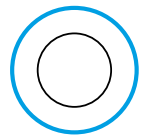
The jacket can be produced in customer-specific colors, thus enabling clear assignment on planning. In addition to the standard color design, it is also possible to have two or four longitudinal stripes of the same color extruded into the jacket to differentiate duct bundles while laying on ground.



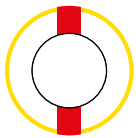
Translucent with two double stripes of the same colour



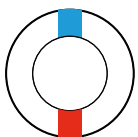
Translucent with two stripes of the same color



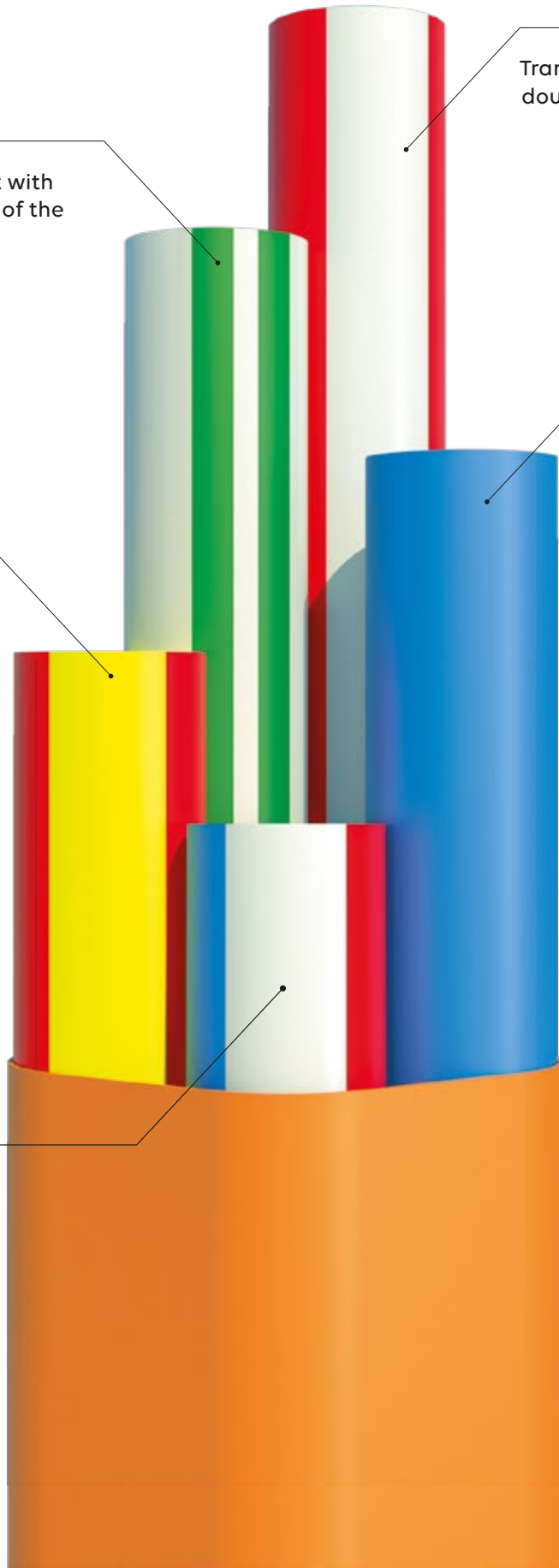
Colored outer layer



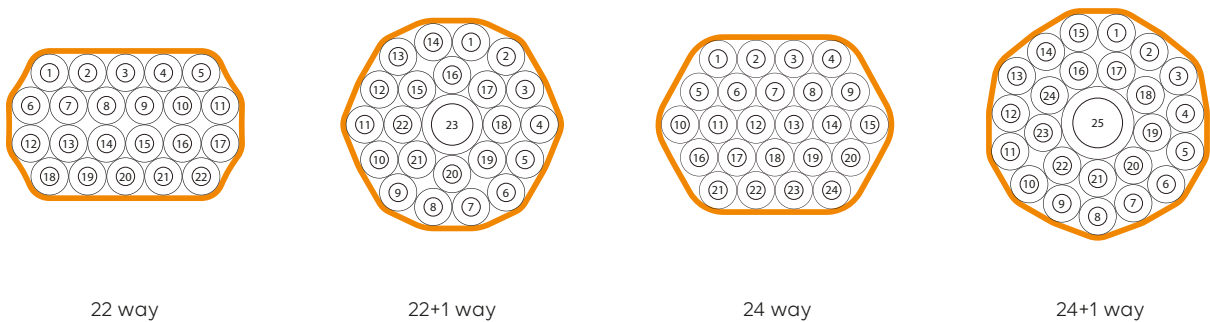
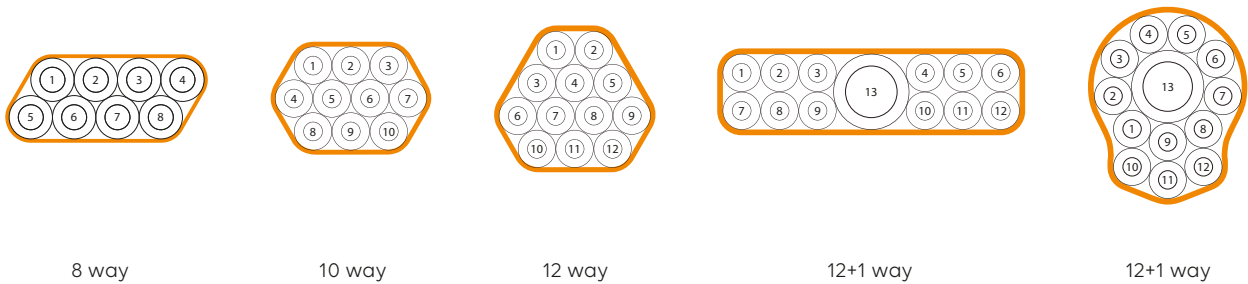
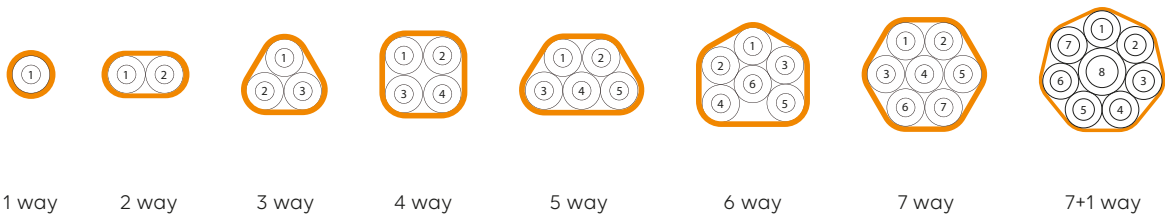
Colored outer layer with two stripes of the same color



Translucent with two different color stripes



Configurations



The diversity in broadband expansion results in increased demand for individually designed pipe bundles. With our production know-how and advanced mold workshop, we are able to

respond quickly to these requirements with a variety of options and enable you to create your own individual combination by combining single microducts of various numbers and sizes.

Accessories

The microduct system is integrated with our large scale accessories and tools. In addition to the following selection, you will find more accessories at www.sanbormicroduct.com



Straight Connector



Endstop Connector



Reducing Connector



Duct Bundle End Caps



Gas Block Connector



Duct End Caps

Packaging

The duct bundle drum is delivered on special drum support pallet. The ducts are sealed on both ends with protective caps and wrapped in black film.



Wooden Drums



Metal Drums



Plywood Drums

High-performance Conduit Systems and Accessories for efficient and smart Telecommunication Infrastructures



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