



**Microduct system
for FTTx networks**





Why Us?

With over 37 years experience in plastic pipe industry, Sanbor is a leading manufacturer of plastic pipes with a strong presence in several key sectors such as telecommunications, water infrastructure and agricultural irrigation.

Technology, data, and constant communication are more intertwined with our daily lives than ever before in human history. Sanbor offers a wide selection of telecommunication products such as microducts, ducts and accessories for transport, metro and fiber optic networks to make it possible. When it comes to experience, production volume,

and innovation, Sanbor's expertise is unrivalled. This is succeeded by continuous investment in the latest advanced manufacturing technologies, skilled and knowledgeable manpower and reputable global references. Sanbor operates in a global market and serves to companies in the telecommunications industry, such as telecom operators, network owners, distributors and systems integrators.

The headquarter and two production facilities are located in Türkiye, operating with over 80 employees. We have been connecting the world with high quality products in over 20 countries.

The constant growth of high-speed fiber optic networks necessitates the use of high-performance cable protection ducts and the most advanced installation methods. With Sanbor cable protection tubes, we provide the opportunity to swiftly, safely, and effectively install the fiber optic infrastructure thanks to our competence in producing plastic pipes since 1986. We manufacture Microducts in sizes ranging from 7 mm to 20 mm, and bundle up to 25 of single microducts together depending on the need. They can be inserted or pushed into cable shafts, HDPE ducts, or other pipe systems, as well as direct buried installations.

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.



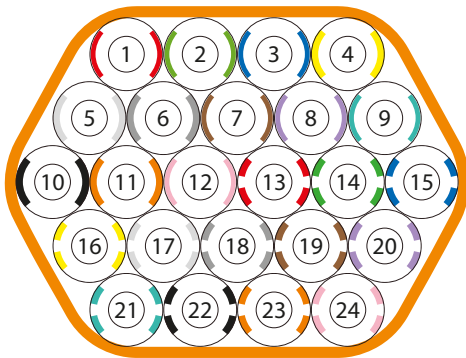
Multi Duct



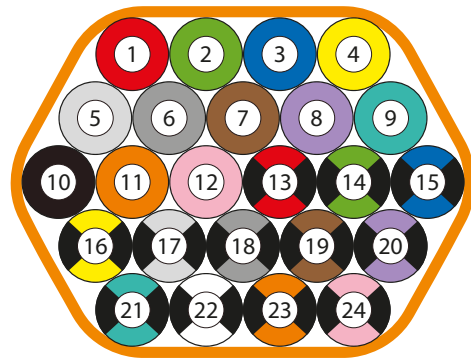
The jacket is permanently marked with inkjet printing. It is possible to additionally apply the company name when signing the jacket of the pipe bundles. If necessary, the signature can be offset by 180°. Two vertical stripes can be extruded additionally. The color design of the jacket can be made according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



Color Coding



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



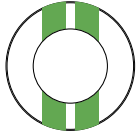
Colored outer layer. From tube 13, colors with single stripe



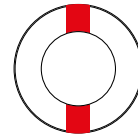
Custom colors are available for Microducts and Oversheath

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.

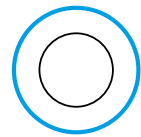
The jacket can be produced in customer-specific colors, thus enabling clear assignment on planning. In addition to the standard color design, it is also possible to have two or four longitudinal stripes of the same color extruded into the jacket to differentiate duct bundles while laying on ground.



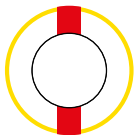
Translucent with two stripes of the same color



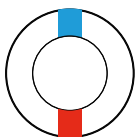
Translucent with two double stripes of the same colour



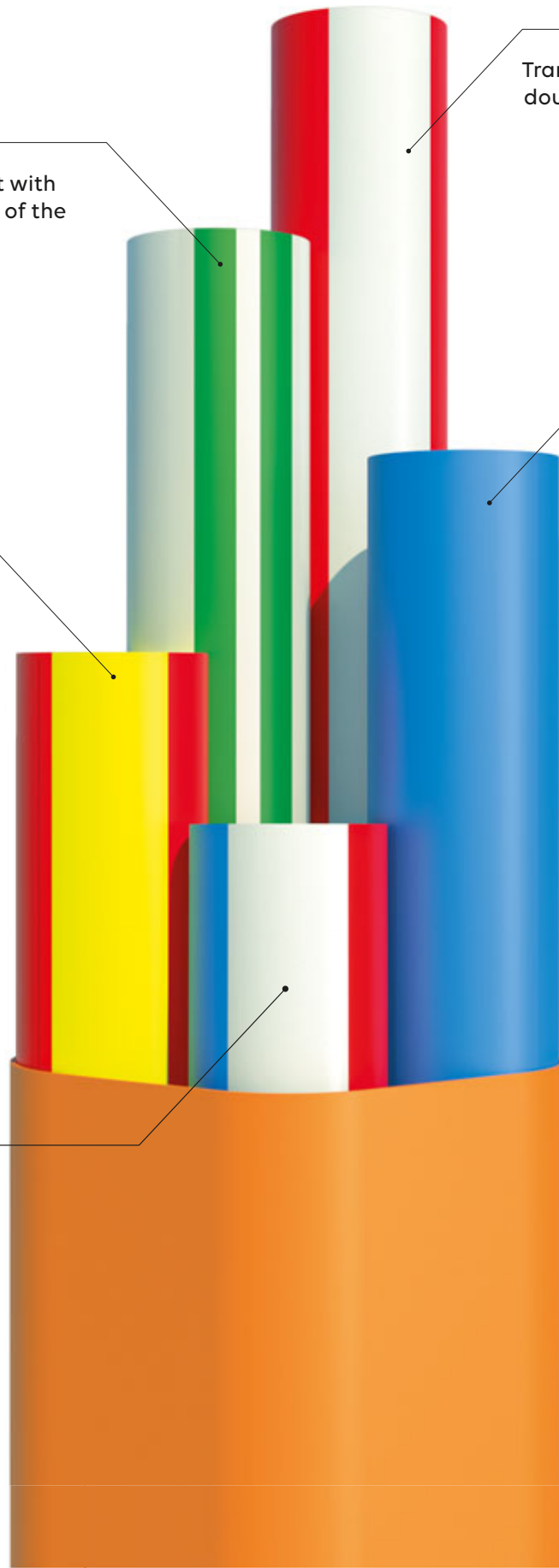
Colored outer layer



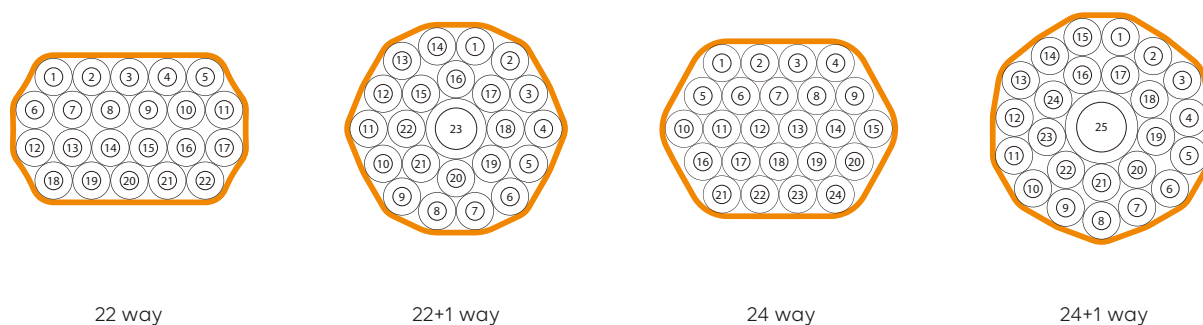
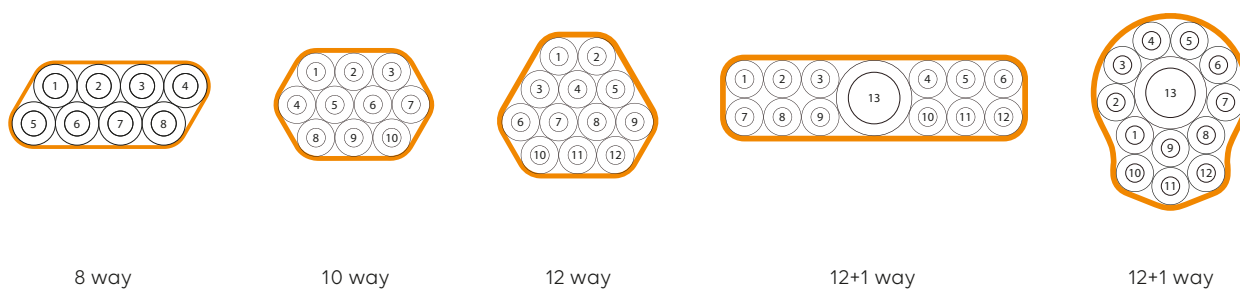
Colored outer layer with two stripes of the same color



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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