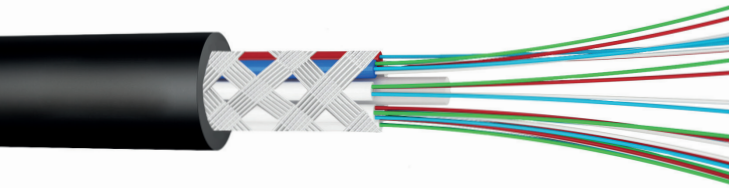
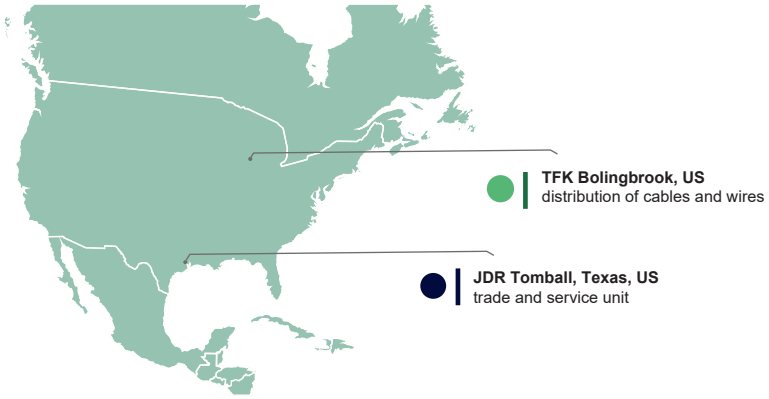
200µm OPTICAL FIBER in Micro Cable

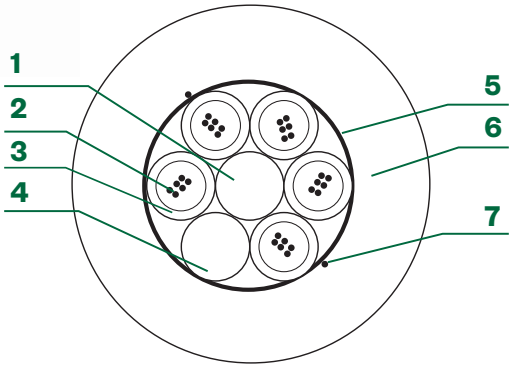
For local access networks (like FTTH systems) in any spatial configuration, designed for use in microducts and installation by blowing.





FIBER OPTIC CABLE Z-XOTKtmsd

- fully dielectric
- resistant to electromagntic interferences
- secured from longitudinal water penetration
- resistant to abrasion, UV and stress corrosion
- large number of fibres in relation to the dimensions



CABLE CONSTRUCTION

1. Central element, non-metallic
2. Optical fibres
3. Loose tube
4. Filler
5. Waterblocking binder
6. Outer sheath
7. Ripcord

The state-of-the-art micro cables technology enable furtherdevelopment of the telecom infrastructure in metropolitan and suburban areas where space is very limited.
The cables are installed by blowing into conduit systems and microduts laid before. The fiber is deployed only when is needed.

This unique construction uses optical fibers with a reduced diameter of 200µm, allowing up to 24 fibers to be laid into a 1,8mm diameter loose tube.
The optimized construction offers an increased fiber capacity in a reduced cable diameter, with up to 576 fibers assembled in a cable diameter of less than 12mm.

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