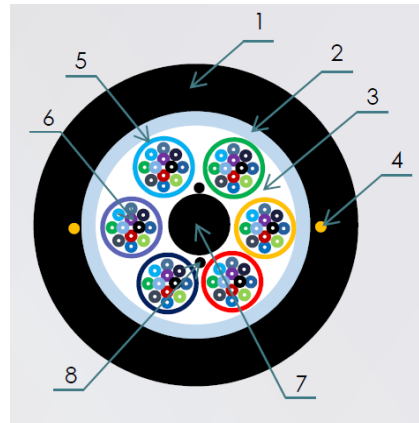


48F microDUCT, multi-tube (8F / 6T), 5.4mm diameter, G.652D



Cable structure:

- 1 - HDPE coating
- 2 - Main tube
- 3 - Protective gel
- 4 - Ripcord (x2)
- 5 - Fiber tube
- 6 - Optical fibers
- 7 - FRP central rod
- 8 - PP rod (x2)

Fiber optic cable 48F (8F / 6T) is a dielectric cable with a multi-tube structure (8 fibers per tube) intended for use in external earth, duct, indoor microducts, and in cable microducts. The cable is reinforced with a central 1.5 mm FRP (Fiber Reinforced Polymer) rod, and the tubes with fibers are filled with a hydrophobic gel protecting them against moisture and vibration. The outer shell is made of HDPE (High Density Polyethylene), characterized by a low friction coefficient and good resistance to water, salt solution, acids, lyes, alcohols, gasoline and substances present in the telecommunication sewage system. Additionally, two ripcords have been used to make it easier to remove the outer sheath of the cable. The cable can be installed in microducts by pneumatic and mechanical methods. The outer diameter of the cable is 5.4 mm.

Data:

- Fiber type: single-mode
- Fiber type: G.652D
- Number of fibers: 48
- Number of tubes: 6
- Number of fibers in the tube: 8
- Number of fillers: 0 - Diameter of tubes / fillers: 1.4 mm
- FRP rod diameter: 1.5mm
- Outer diameter: 5.4 mm
- Minimum bending radius: 54 mm
- Weight: 23 kg / km
- Outer sheath: HDPE - black color
- Temperature range of use: from - 30°C to 70°C
- Installation temperature: from - 10°C to 55°C
- Maximum drawbar pull: 700 N
- Compressive strength: 1000 N