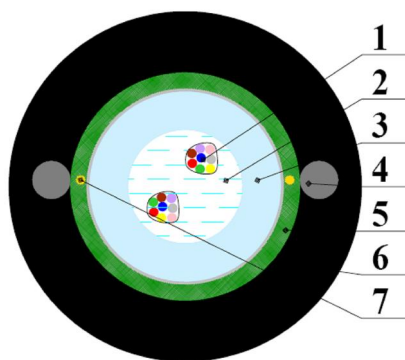


Type: OKTBg

Application

Cable is designed for direct installation in cable ducts, tubes, blocks, into grounds of all categories including highly corrosived grounds, in areas infected by rodents and through swamps, lakes, non-floated and innavigable rivers up to 15 meters deep, excluding areas subjected to freezing and other deformations.

Cable Design



- 1 Optical fibers
- 2 Filling compound – thixotropic water blocking jelly
- 3 Dry central tube with swellable tape
- 4 Strength members – steel wires placed longitudinally
- 5 Armoring – corrugated laminated steel tape
- 6 Outer sheath - polyethylene
- 7 Rip cord (optional)

Cable properties

Optical characteristics		
Optical fibers	Fujikura FutureGuide-LWP, singlemode, acc. ITU-T G. 652 D	
Attenuation, dB/km at: 1310 nm/ 1550 nm	0.36/0.22	
Chromatic dispersion, ps/(nm km): 1310 nm/ 1550 nm	3.5/19	
Weight & Dimensions		
Number of optical fibers in the cable	12	
Cable diameter, mm	10	
Cable weight, kg/km	115	
Mechanical & Environmental characteristics	Test acc. IEC 60794-1	Properties
Tensile strength, kN	E1	1.5
Crush resistance, N/100 mm	E3	3000
Impact, Nm	E4	15
Operational temperature, °C	F1	-40 ... +60
Storage temperature, °C	F1	-40 ... +60
Installation temperature, °C	F1	-10 ... +60