

## FiFix OTDo nF G652D PE

AERO FLAT Z-XOTKtcdp xJ 1,2 kN

Flat A-D(ZN-2P)2Y-xE-1,0kN

Flat-A-D(ZN-2P)2Y-x (24F) 1,6kN ADSS, optical cable A16TEC

### Application

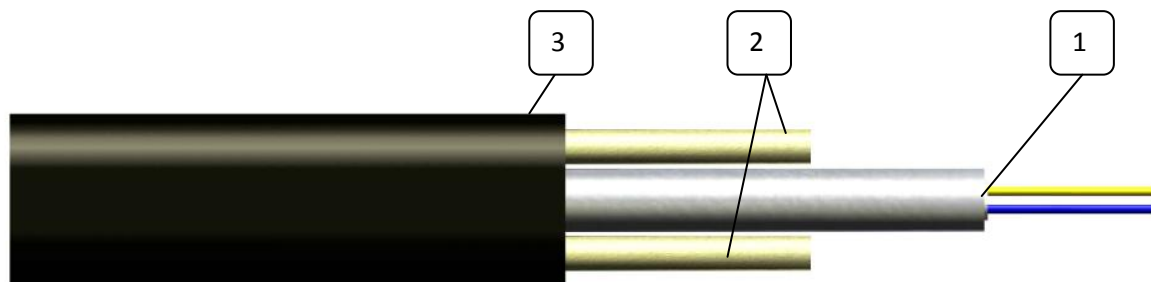
- building broadband access networks
- designed for suspension and operation on the supports of overhead communication lines, urban electric transport, overhead power lines and railway overhead lines
- under conditions of exposure to loads from wind, ice or their combinations

### Benefits

- high performance characteristics
- ease of cutting and cable installation

### Build structure

- 1 - optical fibers, loosely laid in tubes - optical modules filled with thixotropic hydrophobic gel
- 2 - peripheral strength element - fiberglass rods
- 3 - sheath made of flame retardant polymer with reduced smoke emission



Transmission					
Attenuation coefficient at reference wavelengths, dB / km: - 1310 nm - 1550 nm	0.36 / 0.22				
Chromatic dispersion coefficient at reference wavelengths, ps / nm km: - 1310 nm - 1550 nm	3.5 / 18				
Optical fiber type according to ITU-T G. 652 D/657 A1	Corning®SMF-28®Ultra Fiber				
The number of optical fiber in the cable, pcs.	12	8	12	24	24
Cable diameter, mm	(6,0 x 3,8) ± 0,3	(6,8 x 4,0)± 0,3		(8,6 x 4,0) ± 0,3	(9,6 x 4,0) ± 0,3
Cable weight, kg / km	20	25		35	40
Maximum tensile force (short-term), kN	1,0	1,2			1,6
Minimum bending radius, mm	20 x cable diameters				
Permissible crushing force, no more, N / mm	500				
Operating temperature range, ° C	- 40 ° C - + 60 ° C				
Storage temperature range, ° C	- 20 ° C - + 60 ° C				
Installation temperature range, ° C	- 10 ° C - + 60 ° C				
Construction length, km	2.00 (or on demand)				

**Sheath marking:** FiFix OTDo nF G 652D PE 0000

### Optical fiber color identification

1	Red	2	Green	3	Blue	4	Yellow
5	White	6	Gray	7	Brown	8	Violet
9	Orange	10	Black	11	Pink	12	Aqua

\* Colors available according to customer's order

### Cable symbol

1	2	3 -	4 -	5 -	6	7	8 -	9
								Tensile strength 1,0-1,6 kN
								Protective coating material PE - Polyethylene
								Fiber type G. 652 D - Single-mode optical fiber according to ITU-T G. 652 recommendation G. 657 A1 - Single-mode optical fiber according to ITU-T G. 657 recommendation
								The number of optical fibers and module in the cable n F
								Strength element --
								Cable shape o - oval
								Peripheral strength element D - Dielectric peripheral strength element
								Core type T - tube of the optical module
								Application area O - "Outdoor" - for outdoor use
								Trademark FiFix - "FiFix"