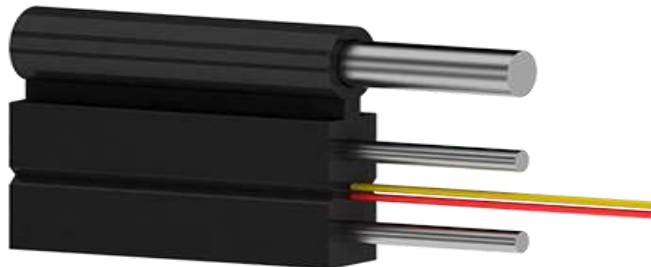




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OKDB-2D-M – Drop Aerial Bow Type Steel Rods



- 1. Outer sheath*
- 2. Suspended strength element (steel wire)
- 3. Strength elements
- 4. Optical fiber

* Outer sheath made of polymer composition, flame-retardant, reduced smoke emission (nf(A)-LS) .

Application

Optical cable type OKDB-2D-M is used as a distribution cable for aerial installation on supports of overhead communication lines, power lines, lighting poles, between buildings and constructions, inside buildings in cable channels, cable ducts, for lying along the external facades of buildings.

Technical characteristics

Parameter	Value	
Tensile strength, kN	1,3	
Number of optical fibers	Up to 4	Up to 8
Cable diameter, mm	2,0 x 5,2	2,1 x 5,6
Cable weight, kg/km	20,3	21,7
Crushing force, kN/sm	250	
Operating temperature	-50°C...+70°C	
Installation temperature	-10°C...+50°C	
Transportation and storage temperature	-50°C...+70°C	
Minimum bending radius	Not less than 10 cable diameters	
Factory length, km	2 km	

Technical characteristics of optical fiber

Type of optical fiber	Corning SMF 28 Ultra	Corning SMF28e+BB
ITU-T recommendations	G.657A1 G.652D	G.657A1 G.652D
Deviation from the concentricity of the core, microns, not more	0,5	
Diameter of fiber sheath, microns	125±0,7	
Deviation from the roundness of the sheath,%, not more	0,7	
The diameter of the protective covering, microns	242±5	
Maximum attenuation at wavelength 1310 nm	0,32	0,34
Maximum attenuation at wavelength 1550 nm	0,18	0,20

Full name example

Optical cable OKDB-2D-M-08 G.657 A1 1,3kN

The optical distribution cable for aerial installation consists of fibers of G.652D Standard, the maximum tensile strength is 1,3kN.