



Cable Construction						
- Number of fibers	6	12	18	24	30	36
- Number of loose tubes x Number of fibers per tube	1x6	2x6	3x6	4x6	5x6	6x6
- Central strength member	2,2 ± 0,05 mm FRP ---					
- Diameter						
- Material						
- CSM Oversheathing diameter						
- Loose tube	PBT 2,15 ± 3% mm Thixotropic Jelly					
-Material						
-Diameter						
-Type of filling compound	Thixotropic Jelly					
- Filler (if required)	PE					
-Material						
- Core filling compound	Petroleum gel					
- Core wrapping	Polyester tape					
-Material						
- Suspension strand	7x1,0 mm galvanized steel wire					
-Over sheathing diameter	6,0 ± 0,2 mm					
- Web dimension	H:2,8 ± 0,2 mm and W:2,5 ± 0,2 mm					
- Outer Sheath	MDPE 1,5 ± 0,2 mm					
- Material						
- Thickness						
- Cable diameter	9,8 x 18,6 mm ± 0,2					
- Cable weight (approx.)	150 kg/km					

- <u>Physical characteristics</u>		
Test	Test Standard	Specified Value
- Tensile Force - Long Term - Short Term	IEC 60794-1-2-E1	Max. 4000 N Max. 6000 N
- Impact	IEC 60794-1-2-E4	3 Nm
- Crush Resistance	IEC 60794-1-2-E3	Max. 2000 N/100 mm.
- Minimum bending radius - Static - Dynamic	IEC 60794-1-2-E11	R= 20 x D, 4 turns, 3 cycles R= 15 x D, 4 turns, 3 cycles
- Water penetration	IEC 60794-1-2-F5B	No water on free end of the cable
- Temperature cycling	IEC 60794-1-2-F1	-30 to + 70 °C

- <u>Identification</u>	
- Cable Marking	1m ±1% Intervals in white color with hot print.
- Identification of cable ¹	<number of fibers> F <fiber type> CENKABLO <year of manufacture> <length marking in meter>
- Color of filler ²	Black
- Color of loose tube ²	1.Red, 2.Green, Others: Natural
- Color of fibers ²	1. Red, 2.Green, 3.Yellow, 4.Blue, 5.White, 6.Violet
- Color of outer sheath ²	Black

¹ This inscription is standard imprint. It can be changed according to request.

² The other tube, fiber and sheath colors are optional.

- <u>Delivery Information</u>	
- Drum length/Tolerance ³	2000 m ± 5%
- Drum Flange diameter ³	1100 mm
- Drum core diameter ³	580 mm
- Outside width ³	860 mm
- Central hole diameter	85 mm

³ Drum dimensions can change depends on cable length on a drum. Standard delivery length is 2 km. Other delivery lengths are optional.

- <u>Transmission characteristics</u>
Refer to fiber data