



-Not to scale-

<b>Cable Construction</b>						
- Number of fibers	12	24	36	48	60	72
- Number of loose tubes x Number of fibers per tube	1x12	2x12	3x12	4x12	5x12	6x12
- Central strength member	2,4 ± 0,05 mm FRP ---					
- Diameter						
- Material						
- CSM Oversheathing diameter						
- Loose tube	PBT 2,3 ± 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	10,3 x 19,0 mm ± 0,2					
- Cable weight (approx.)	160 kg/km					

<b>- <u>Physical characteristics</u></b>		
<b>Test</b>	<b>Test Standard</b>	<b>Specified Value</b>
- 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

<b>- <u>Identification</u></b>	
- Cable Marking	1m ±1% Intervals in white color with hot print.
- Identification of cable <sup>1</sup>	<number of fibers> F <fiber type> CENKABLO <year of manufacture> <length marking in meter>
- Color of filler <sup>2</sup>	Black
- Color of loose tube <sup>2</sup>	1.Red, 2.Green, Others: Natural
- Color of fibers <sup>2</sup>	1. Red, 2.Green, 3.Yellow, 4.Blue, 5.White, 6.Violet, 7. Orange, 8. Black, 9. Grey, 10. Brown, 11. Pink, 12. Turquoise
- Color of outer sheath <sup>2</sup>	Black

<sup>1</sup> This inscription is standard imprint. It can be changed according to request.

<sup>2</sup> The other tube, fiber and sheath colors are optional.

<b>- <u>Delivery Information</u></b>	
- Drum length/Tolerance <sup>3</sup>	2000 m ± 5%
- Drum Flange diameter <sup>3</sup>	1200 mm
- Drum core diameter <sup>3</sup>	580 mm
- Outside width <sup>3</sup>	860 mm
- Central hole diameter	85 mm

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

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