



-Not to scale-

Cable Construction	
- Number of loose tubes	1
- Number of fibers per tube	4 to 12
- Loose tube	
-Material	PBT
-Diameter	3,00 ± 3% mm
-Type of filling compound	Thixotropic jelly
- Periphery strength Members	
- Material	Glass yarns
- Moisture barrier	
-Material	Both side copolymer coated aluminum tape
- Suspension strand	1x1,6 mm galvanized steel wire
-Over sheathing diameter	4,2 ± 0,2 mm
- Web dimension	H:2,8 ± 0,2 mm and W:1,8 ± 0,2 mm
- Outer Sheath	
- Material	MDPE
- Thickness	1,3 ± 0,2 mm
- Cable diameter	7,4 x 14,4 mm ± 0,2
- Cable weight (approx.)	84 kg/km

- Physical characteristics		
Test	Test Standard	Specified Value
- Tensile Force - Long Term - Short Term	IEC 60794-1-2-E1	Max. 500 N Max. 1500 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

- Identification	
- Cable Marking	1m ±1% Intervals in white color with hot print.
- Identification of cable ¹	<number of fibers> F <type of fibers> AERIAL FO CABLE CENKABLO <year of manufacture> <length marking in meter>
- Color of loose tube ²	Natural (colorless)
- Color of fibers ²	1. Red, 2.Green, 3.Blue, 4.Yellow, 5.White, 6.Grey, 7.Brown, 8. Violet, 9.Turquoise, 10.Black, 11. Orange, 12.Pink
- 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.

- Delivery Information	
- Drum length/Tolerance ³	2000 m ± 5%
- Drum Flange diameter ³	1000 mm
- Drum core diameter ³	500 mm
- Outside width ³	780 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.

- Transmission characteristics
Refer to fiber data