



- Cable Construction				
- Number of fibers	4	6	8	12
- Loose Tubes	PBT			
Material	PBT			
Outer Diameter	3,00 mm \pm 3%			
Type of filling compound	Thixotropic jelly			
- Peripheral Strength Member	Glass yarn.			
Material	Glass yarn.			
- Outer Sheath	LSZH			
Material	LSZH			
Thickness	0,8 mm (nominal)			
- Cable diameter	5,8 mm \pm 0,2			
- Cable weight	35 kg/km			

- Mechanical characteristics				(All optical measurements at 1550 nm)
Test	Test Standard	Specified Value	Acceptance Criteria	
- Tensile Force Short Term / Installation	IEC 60794-1-2-E1	Max. 500 N	$\Delta\alpha$ reversible	
- Cable Bend	IEC 60794-1-2-E11	R= 20 x D, 4 turns, 3 cycles	$\Delta\alpha$ reversible, no damage	
- Impact	IEC 60794-1-2-E4	5 Nm, 3 impacts at different points, R= 10 mm,	No damage on tubes	
- Repeated bending	IEC 60794-1-2-E6	R= 20 x D, 30 N load, 30 cycles	No damage	
- Crush Resistance	IEC 60794-1-2-E3	Max. 1500 N/100 mm.	$\Delta\alpha$ reversible, no damage	

- Environmental Characteristics			(All optical measurements at 1550 nm)
Test	Test Standard	Specified Value	Acceptance Criteria
- Temperature cycling	IEC 60794-1-2-F1	-15 to + 60 °	$\Delta\alpha \leq 0,5$ dB/km

- Identification	
- Cable Markin	1m \pm 1% Intervals in black color with ink-jet print.
- Identification of cabl	CENKABLO <year of manufacture> <number of fibers> FO <type of fibers> <length marking in meter>
- Color of uter sheath	Yellow for the cable with SM fibers Orange for the cable with MM fibers
- Color of uffer tube	Natural
- Co or of fibers	1. Blue 2. ange 3.Green 4.Brown 5.Green 6.White 7.Red 8.Black 9.Yellow 10.Violet 11.Pink 12.Turquoise

- Delivery Information	
- Drum leng h/Tolerance ¹	2000 m \pm 5%
- Drum Flange diameter ¹	800 mm
- Drum c re diameter ¹	580 mm
- Outside width ¹	520 mm
- Cent al hole diameter	85 mm

¹ Drum dimensions can change depends on cable length on a drum.

- Transmission characteristics
Refer to fiber data