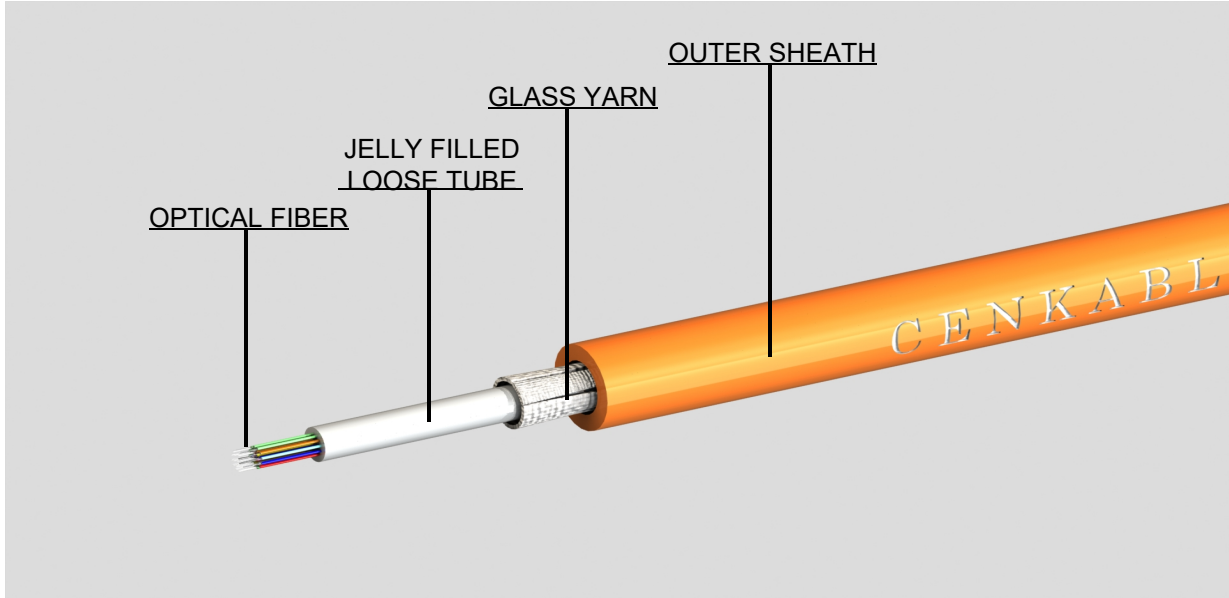




CENKABLO

4-12 MM FIBERS CENTRAL TUBE, INDOOR USE, F.O. CABLE TECHNICAL SPECIFICATIONS



- Cable Construction				
- Number of fibers	4	6	8	12
- Loose Tubes				
Material	PC+PBT			
Outer Diameter	3,00 mm \pm 3%			
Type of filling compound	Thixotropic jelly			
- Peripheral Strength Member				
Material	Glass yarn.			
- Outer Sheath				
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 1300 nm)			
Test	Test Standard	Specified Value	Acceptance Criteria
- Tensile Force Short Term / Installation	IEC 60794-1-2-E1	Max. 1000 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



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4-12 MM FIBERS CENTRAL TUBE, INDOOR USE, F.O. CABLE TECHNICAL SPECIFICATIONS

- Environmental Characteristics			(All optical measurements at 1300 nm)
Test	Test Standard	Specified Value	Acceptance Criteria
- Temperature cycling	IEC 60794-1-2-F1	-15 to + 60 °C	$\Delta\alpha \leq 0,5$ dB/km

- Identification	
- Cable Marking	1m \pm 1% Intervals in black color with ink-jet print.
- Identification of cable	CENKABLO <year of manufacture> <number of fibers> FO <type of fibers> <length marking in meter>
- Color of outer sheath	Orange for OM1&OM2 fibers, Aqua for OM3&OM4
- Color of buffer tube	Natural
- Color of fibers	1. Blue 2.Orange 3.Green 4.Brown 5.Green 6.White 7.Red 8.Black 9.Yellow 10.Violet 11.Pink 12.Turquoise

- Delivery Information	
- Drum length/Tolerance ¹	2000 m \pm 5%
- Drum Flange diameter ¹	900 mm
- Drum core diameter ¹	580 mm
- Outside width ¹	520 mm
- Central hole diameter	85 mm

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

- Transmission characteristics
Refer to fiber data