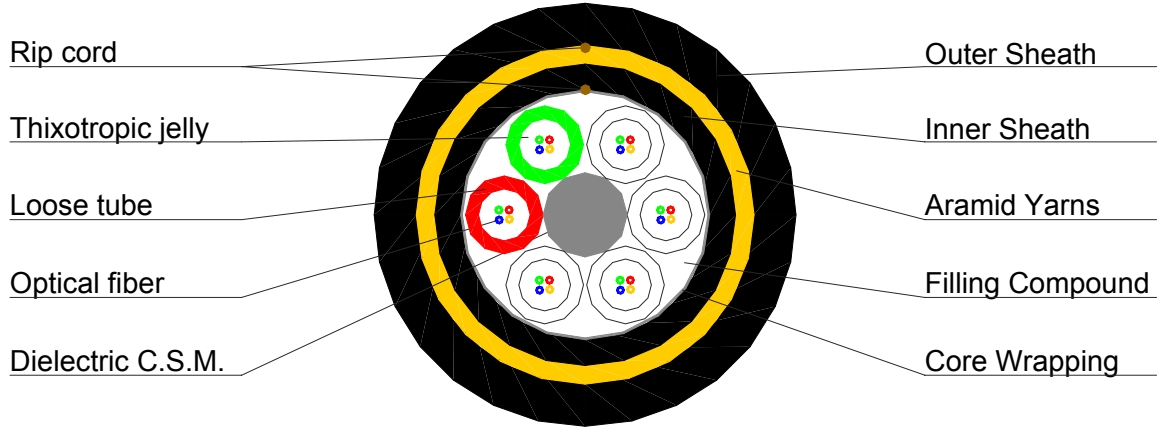




CENKABLO

4 to 24 F SM ALL DIELECTRIC SELF SUPPORTING (ADSS) AERIAL TYPE F.O. CABLE
TECHNICAL SPECIFICATIONS



-Not to scale-

Cable Construction						
- Number of fibers	4	8	12	16	20	24
- Number of loose tubes x Number of fibers per tube	1x4	2x4	3x4	4x4	5x4	6x4
- Central strength member - Diameter - Material	2,6 ± 0,05 mm FRP					
- Loose tube -Material -Diameter -Type of filling compound	PBT 2,3 ± 3% mm Thixotropic jelly					
- Filler (if required) -Material	PE					
- Core flooding compound	Petroleum gel					
- Core wrapping -Material	Polyester tape					
- Inner Sheath - Material - Thickness	LDPE 0.8 mm					
- Periphery strength Members & Suspension strand - Material	Aramid yarns					
- Outer Sheath - Material - Thickness	HDPE 1,2 mm					
- Cable diameter	12,0 mm ± 0,3					
- Cable weight	117 kg/km					



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- <u>Physical characteristics</u>		
(All optical measurements at 1550 nm)		
Test	Test Standard	Specified Value
- Tensile Force - Long Term - Short Term	IEC 60794-1-2-E1	Max. 4000 N Max. 7000 N
- Impact	IEC 60794-1-2-E4	5 Nm
- Crush Resistance	IEC 60794-1-2-E3	Max. 3000 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	-40 °C 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 (if required)	Black
- Color of loose tube	1.Red, 2.Green, Others: Natural
- Color of fibers	1.Red, 2.Green, 3.Yellow, 4.Blue
- Color of outer sheath	Black

¹ According to customer request.

- <u>Delivery Information</u>		
- Drum length/Tolerance ²	2000 m ± 5%	4000 m ± 5%
- Drum Flange diameter ²	1100 mm	1300 mm
- Drum core diameter ²	580 mm	
- Outside width ²	1010 mm	
- Central hole diameter	85 mm	

² Drum dimensions can change depends on cable length on a drum.

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