



- Cable Construction		
- Number of fibers	4-6-8-12F	16-24F
- Loose Tubes		
Outer Diameter	2,50 mm ± 3%	3,0 mm ± 3%
Material	PC+PBT	
Thickness of PC layer	0,250 mm ± 3%	0,40 mm ± 3%
Thickness of PB layer	0,100 mm ± 3%	0,100 mm ± 3%
Type of filling compound	Thixotropic jelly	
- Peripheral Strength Member		
Material	Glass yarn	
Thickness of glass yarn	0,5 mm ± 3%	
- Outer Sheath		
Material	UV stabilized LSZH-FR Compound	
Thickness	1,00 mm ± 0,1	
- Cable diameter	4-6-8-12F	16-24F
	5,5 mm ± 0,2	5,9 mm ± 0,2
- Cable weight	34 kg/km	38 kg/km

- Mechanical characteristics		
Test	Test Standard	Specified Value
- Tensile Force	IEC 60794-1-2-E1	1000N
- Cable Bend	IEC 60794-1-2-E11	50 mm
- Impact	IEC 60794-1-2-E4	1,5 Nm
- Repeated bending	IEC 60794-1-2-E6	R= 30 mm, 100 N load, 1000 cycles
- Crush Resistance	IEC 60794-1-2-E3	Max. 200 N/cm.
-Torsion	IEC 60794-1-2-E7	Load = 100 N

- Environmental Characteristics		
Test	Test Standard	Specified Value
- Temperature cycling Operation Storage Installation	IEC 60794-1-2-F1	-20 to + 60 °C -40 to + 70 °C 0 to + 50 °C

- Identification	
- Cable Marking	1m ±1% Intervals in white color with hot foil or ink-jet print.
- Identification of cable ¹	CENKABLO OPTICAL CABLE – Fiber count - core diameter - Fiber Type - LSZH RM Drum number - Production date - meter Euroclass Eca - DOP 68230-CE100-1 (Example : CENKABLO OPTICAL CABLE OM4 LSZH RM 8X50/125 Drum number - Production date - meter Euroclass Eca - DOP 68230-CE100-1)
- Color of outer sheath ²	Yellow for SM Fibers, Orange for OM1 & OM2 MM fibers,, Turquoise for OM3 & OM4 MM fibers, Lime for OM5 MM fibers
- Color of buffer tube ²	Natural
- 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, 13. Red C, 14. Green C, 15. Blue C, 16. Yellow C, 17. White C, 18. Grey C, 19. Brown C, 20. Violet C, 21. Turquoise C, 22. Natural C , 23. Orange C, 24. Pink C, (C MEANS COLOR CODED FIBERS)

¹This inscription is standard imprint. It can be changed according to request.

²The other tube, fiber and sheath colors are optional.

- ³Delivery Information	
- Drum length/Tolerance ³	4000 m ± 5%
- Drum Flange diameter ³	900 mm
- Drum core diameter ³	580 mm
- Outside width ³	780 mm
- Central hole diameter	85 mm

³Drum dimensions can change depends on cable length on a drum. Standard delivery length is 4 km. Other delivery lengths are optional.

- Transmission characteristics
-Refer to fiber data