



- Cable Construction	
- Loose Tubes	
Outer Diameter	3,00 ± 3%
Material	PC+PBT
Thickness of PC layer	0,40 mm ± 3%
Thickness of PB layer	0,100 mm ± 3%
Type of filling compound	Thixotropic jelly
- Peripheral Strength Member	
Material	Glass yarn
Thickness of glass yarn	0,45 mm ± 3%
- Outer Sheath	
Material	UV stabilized LSZH-FR Compound
Thickness	1,00 mm ± 0,1
- Cable diameter	6,1 mm±0,2
- Cable weight	35 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	Manufacturer <year of manufacture> <number of fibers> FO <type of fibers> <length marking in meter>
- Color of outer sheath ²	Black
- Color of buffer tube ²	Natural
- Color of fibers ²	1. Blue , 2. Orange, 3. Green, 4. Brown, 5. Grey, 6. White, 7.Red, 8. Black, 9. Yellow, 10. Violet, 11. Pink, 12. Turquoise, 13. Red I, 13.Blue II , 14. Orange II, 15. Green II, 16. Brown II, 17. Grey II, 18. White II, 19.Red II, 20. Natural II, 21. Yellow II, 22. Violet II, 13. Pink II, 14. Turquoise II, (II 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