



– Not to scale–

- Cable Construction				
- Number of fibers	4	6	8	12
- Loose Tubes				
Outer Diameter	2,50 mm ± 3%			
Material	PC+PBT			
Thickness of PC layer	0,250 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	0,5 mm ± 3%			
- Outer Sheath				
Material	UV stabilized LSZH-FR Compound			
Thickness	1,00 mm ± 0,1			
- Cable diameter	4	6	8	12
	5,5 mm ± 0,2			
- Cable weight	30 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	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. Yellow, 4. Blue, 5. White, 6. Violet, 7. Orange, 8. Black, 9. Grey, 10. Brown, 11. Pink, 12. Turquoise,

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

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

- ³Delivery Information		
- Number of Fibers	4-12 F	24 F
- 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