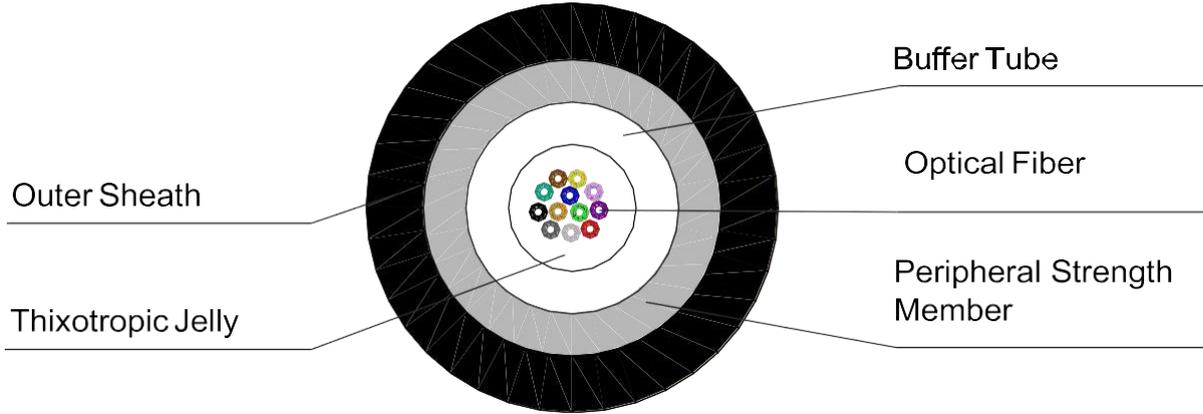


A-DQ(ZN)2Y 4-24 FIBERS CENTRAL TUBE INDOOR/OUTDOOR TYPE NONMETALLIC ARMORED F.O. CABLE TECHNICAL SPECIFICATIONS



- Not to scale-

- Cable Construction					
- Number of fibers	4	6	8	12	24
- Loose Tubes					
Outer Diameter	2,50 mm ± 3%				3,00 ± 3%
Material	PC+PBT				
Type of filling compound	Thixotropic jelly				
- Peripheral Strength Member					
Material	Glass yarn				
- Outer Sheath					
Material	HDPE				
Thickness	1,00 mm ± 0,1				
- Cable diameter	4	6	8	12	24
	5,5 mm ± 0,2				5,9 mm±0,2
- Cable weight	25 kg/km				30 kg/km

- Mechanical characteristics		
Test	Test Standard	Specified Value
- Tensile Force Operation Installation Max. Allowable Tensile	IEC 60794-1-2-E1	Max. 500 N Max. 700 N Max. 1200 N
- 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

A-D(ZN)2Y
4-24 FIBERS CENTRAL TUBE INDOOR/OUTDOOR TYPE NONMETALLIC ARMORED
F.O. CABLE TECHNICAL SPECIFICATIONS

- 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	UPCOM <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,
- 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, 13. Red I, 14. Green I, 15. Yellow I, 16. Blue I, 17. White I, 18. Violet I, 19. Orange I, 20. Natural I, 21. Grey I, 22. Brown I, 23. Pink I, 24. Turquoise I

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

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

- ³ Delivery 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	

³ Drum 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