

Central Tube Armoured Single Sheathed Optical Cable

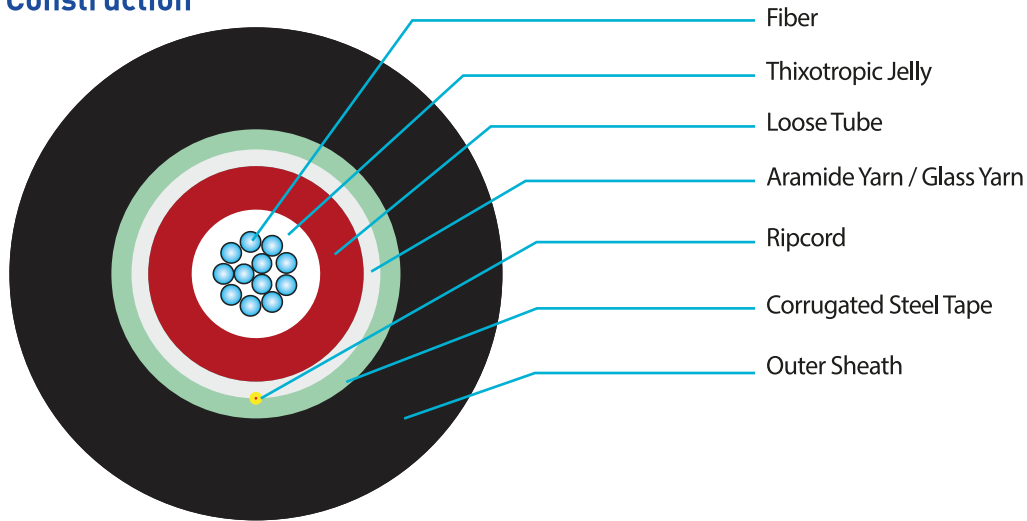


A-DQ(BN) (SR) 2Y 1.200N CT	IEC 60794-3-12
Fiber Type	SM 9/125 (G.652 d)
Attenuation at 1310 nm	Max .0,36 dB/km
Attenuation at 1550 nm.	Max. 0,22 dB/km

		Up to 24 core
Tube Diameter	mm±0,07	2,90
Tube inner diameter	mm±0,07	1,90
Number of tube	Pieces	1
Number of fiber per tube	Fiber/tube	Up to 24 fiber
Nominal Outer Diameter of cable	Nom mm ±0,5	7,5
Nominal Cable Weight	Kg/km ±5	75
Nominal Gross Weight	Kg/drum ±10	190
Drum Flange Diameter	cm	80
Nominal Cable Length on Drum	Meter/drum ±%3	2.000

Corrugated Steel Tape Thickness	0,155±0,015 mm	
Copolymer Thickness	0,055±0,0015 mm	
Outer Sheath Material	MDPE-HDPE	
Outer Sheath Thickness	Nom 1,2 mm ±0,2 (Without armored)	
Ripcord	1 pieces under the sheath	
Cable Length per Drum	2.000 mt± %5	
Tensile Strength for short term	1.200 N	IEC 60794-1-2E1
Tensile Strength for long term	800 N	IEC 60794-1-2E1
Bending Radius	20 x D	IEC 60794-1-2E11
Repeating Bending	10 cycle, 15xD, 50 N	IEC 60794-1-2E6
Torsion Test	±180° 1 meter, 100N,10 cycle	IEC 60794-1-2-E7
Kink Test	Min 20 x D at 20°C	IEC 60794-1-2E10
(D: Outer diameter of Cable)		
Impact Test	1 meter, 5 N	IEC 60794-1-2E4
Crush Test	1.000 N/100 mm	IEC 60794-1-2E3
Temperature Cycling	-30 / +80°C	IEC 60794-1-2F1
Operation Temperature	-30 +60°C -Installation	
	-40 +80°C -Operation	

Cable Construction



Color Code of Fibers

No of Fiber	1	2	3	4	5	6	7	8	9	10	11	12
Colour	Blue	Orange	Green	Red	Yellow	Violet	Brown	Black	White	Grey	Pink	Turquoise
No of Fiber	13	14	15	16	17	18	19	20	21	22	23	24
Colour	Blue Black	Orange Black	Green Black	Red Black	Yellow Black	Violet Black	Brown Black	Black Yellow	White Black	Grey Black	Pink Black	Turquoise Black

Length marking on the cable

The outer sheath will be marked in one meter intervals as follows;

TURKUAZ CABLE <Year of manufacturing> Drum Number <number and type of fiber> <length marking in meter>

Color of Sheath

Outer sheath color is BLACK that is including %2,5 carbon black.

Packing

Shipment will be done with non-returnable wooden drums with protection.

Cable Life Time

Designed cable has a minimum 25 years' service life time, if the cable is correctly installed.