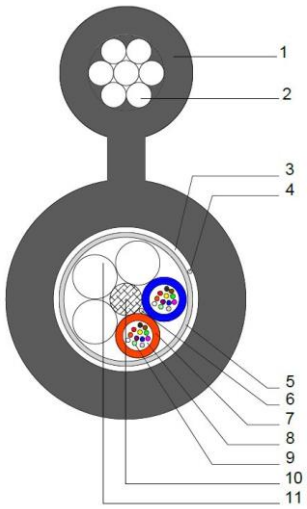
SS Aerial Type : A-DQ(BN)T2Y

24 FO, Multi Loose Tube, Dry Core, Peripheral Strength Member, Single PE Jacket Figure-8)

Cable Cross Section



Cable Structure

1. *Outer PE Sheath*
2. *Steel Rope*
3. *Strength Member (glass yarn)*
4. *Ripcord*
5. *Water Blocking Tape*
6. *Water Blocking Yarn*
7. *Loose Tube (PBT)*
8. *Tube Filling Compound (thixotropic gel)*
9. *Optical Fibers (SM G.652D)*
10. *Non-metallic Central Strength Member*
11. *PE Filler*

Number of Fibers		24
Number of Loose Tubes		02x12
Loose Tube -Single Mode Optical Fiber -Filling Jell Material -Tube Material & Thickness		 ITU-T G.652D Thixotropic Jelly PBT / 2,25 ± 0,10 mm
Central Strength Member -Material & Diameter		FRP / 1,6 ± 0,05mm
Peripheral Strength Member -Material		Water Blocking Glass Yarn
Suspension Wire -Material & Diameter		Steel Rope/ 7x0,7 ± 0,05mm
Pole Span (m)		60
Outer Sheath -Material & Thickness		HDPE / 1,5 ± 0,1 mm
Nom. Cable	Diameter (mm)	9,8 x 17,1 ± 1,5 mm
	Net Weight (kg/km)	110±5%
	Drum Length (m)	2.000 ±5%

SS Aerial Type : A-DQ(BN)T2Y

Color Details

No.		1	2	3	4	5	6	7	8	9	10	11	12
Fiber Color	**24**	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua
Tube Color	**24**	Blue	Orange										
Sheath Color		Black UV											
Marking		"0000M MANUFACTURE DATE **CABLE TYPE DRUM NO** 0001M "											

Mechanical & Environmental Characteristics

Test		**Test Standards**	**Specified Value**
Optical Attenuation	-1310nm -1550nm	IEC 60793-1-40	≤ 0.36 dB/km ≤ 0.22 dB/km
Tensile Strength	-Short Term -Long Term	IEC 60794-1-2-E1	Max. 2.700N Max. 1.600N
Crush Resistance		IEC 60794-1-2-E3	1.500N/10cm
Min. Bending Radius	-Static -Dynamic	IEC 60794-1-2-E11	20xD 15XD
Impact Resistance		IEC 60794-1-2-E4	2,9 Nm
Torsion		IEC 60794-1-2 E7	±180º
Temperature Range (ºC)	-Installation -Operation	IEC 60794-1-2-F1	-10ºC to + 60ºC -40ºC to + 70ºC

D : Cable outer diameter

Packing :

-Non-returnable wooden drum
-Strong wooden batten protection
-Cable ends are accessible for a test

Order Code A-DQ(BN)T2Y…02X12SM2+F8SR07MM