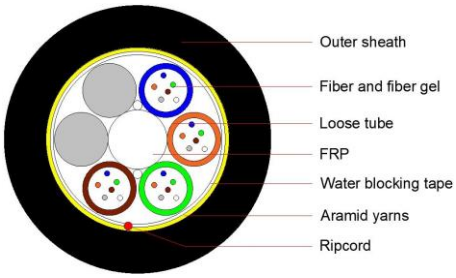


ADSS.BK.IEC.23051932

All-dielectric self-supporting outdoor optical cable

Lamination single guard structure

Identification of product	ADSS.BK.IEC.23051932

Product application

- Aerial installation

Reference specification

- IEC 60794-1-21

Packaging

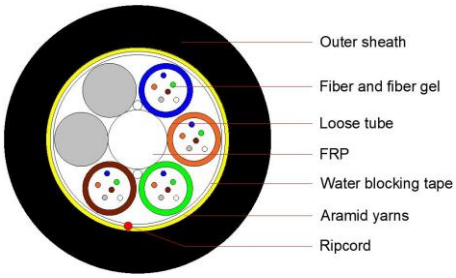
Container:1100*400*740mm

Product mix

Fiber core	24C
Fiber	G652D
Fiber Color Code	Blue,Orange,Green,Brown,Grey,White
Loose tube colour	Blue,Orange,Green,Brown
Structure of optical cable	1+6
Number of Loose tube	4
Fiber quantity per tube	6
Loose tube diameter	2.0mm
Central strength member and size	FRP 2.1 mm
Number of filling rope	2
Water blocking mode	Water blocking yarns+Water blocking tape
Strength member	Aramid yarns
Ripcord	1 pc
Sheath thickness	1.8mm
Cable diameter	10.3±0.5mm
Material	MDPE
Cable colour	Black
Cable tray length	4KM
Meteorological condition	1.span：120m 2.Wind：25m/s 3.Ice：0mm 4：sag：1%
Cable marking	1. Indication in meters；2.Quantity and type of fibers；3.Factory name；4.Date of manufacturing (year)；5.Other requirements

Properties of products

Tensile Strength	MAT：3KN	- Fiber strain ≤ 0.33% - Loss change ≤ 0.15dB@1550nm after test. - No fiber break and no sheath damage.
Crush Test	-Short term：2000N/100mm -Long term：1000N/100mm	- Loss change ≤ 0.15dB@1550nm after test. - No fiber break and no sheath damage.
Impact Test	-Radius: 300 mm -Number:3times -Impact energy:10J	- Loss change ≤ 0.1dB@1550nm after test. - No fiber break and no sheath damage.



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All-dielectric self-supporting outdoor optical cable

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Identification of product	ADSS.BK.IEC.23051932		
	Repeated	- Bending radius: 20 x D - No. of cycle: 25 - Load: 150N	- Loss change ≤ 0.15dB@1550nm after test. - No fiber break and no sheath damage.
	Torsion	- Cycles:10 - Length under test:1.0 m - Turns: ±180° - Load:100N	- Loss change ≤ 0.1dB@1550nm after test. - No fiber break and no sheath damage.
	Temperature Cycling	- Temperature: -40℃~+70℃ - Time of each step:12h - Number of cycle: 2	- Loss change ≤ 0.1dB@1550nm - No fiber break and no sheath damage.
	Water Penetration	-Time : 24 hours -Sample length : 3m -Water height : 1m	-No water leakage.