

OPTICAL FIBER CABLE DATA SHEET

CABLE CODE/CABLE TYPE

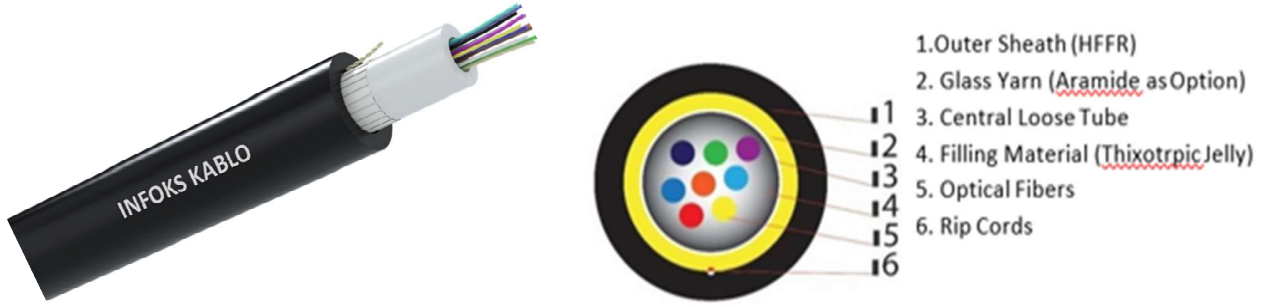
U-DQ(BN)H CLT 2-24

Loose Tube, NON METALIC ARMOURED ,Single Jacket LSZH Fiber Optic Cable

KEY FEATURES

Central Loose Tube, Non Metallic Armored, Indoor/Outdoor Single LSZH Jacket, UV- Resistant,

CROSS SECTION



STANDARTS

IEC 60794-1&2, EN 50399, EN 60332-1-2, IEC 60332-3-24, EN 60754-2 , EN 61034

CONSTRUCTIONS

Fiber Type	G.652-D,G.657 A1,G.657 A2,OM1,OM2,OM3,OM4,OM5
Fiber Count	2-24
Jacket Color	According to customer request
Jacket UV Resistance	UV Stabilized

APPLICATIONS

Direct Connection to Terminal Equipments

Indoor/Outdoor applications

FTTx Cabling

Easy and fast installation due to its small diameter and light construction.

network systems WAN, LAN applications.

Rodent protection.

Suitable for pushing, blowing method.

DIMENSIONS/PHYSICAL SPECIFICATIONS

									IEC 60794-1-2 Test method
Number of fibers	2	4	6	8	10	12	16	24	
Number of tubes	1								
OD Tube Max. (mm)	3,0						3,5		
OD Tube Nom. (mm)	2,9						3,3		
OD Tube Min. (mm)	2,8						3,1		
OD cable Max. (mm)	7.0						7,5		
OD cable Nom. (mm)	6.5						7.0		
OD cable Min. (mm)	6.0						6,5		
Min. Jacket Thickness (mm)	1,2								
Minimum Bending radius	20 x D								E11
Max. Operating Load (N)	800								
Maximum Installation Pulling Load (N)	1200								
Crush (N/100mm)	1000								E3
Twist (torsion)	5 turn of 180° on 1m sample, both ways.								E7
Impact resistance	4.4J ; 3 x 2 times								E4
Storage temperature Range	-20°C to +60°C								F1
Operating temperature Range	-30°C to +60°C								F1
Core fluid Penetration	3m sample, 1m head for 24 hours								F5
Nom. Weight (Kg/Km)	52						64		

ENVIRONMENTAL SPECIFICATIONS

Installation Temperature	-20 °C to +60 °C (IEC 60794-1-2 F1)
Operating Temperature	-30 °C to +60 °C (IEC 60794-1-2 F1)

QUALIFICATION SPECIFICATIONS

Cable Qualification Standards	ANSI/ICEA S-104-696 EN 187105 TIA/EIA 598 Telcordia GR-409
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CPR CLASS

Dca,

CERTIFICATIONS

RoHS	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ISO 14001:2015	Designed, Environmental management systems
ISO 45001:2018	Occupational Health and Safety Assessment Series

PACKING

WOODEN DRUM & PLYWOOD DRUM
2000MT/4000MT ±%5

SHEATH MARKING

INFOKS KABLO WEEK/YEAR U-DQ(BN)H xxF TYPE of FIBRE DRUM NO LENGTH (M)