

## OPTICAL FIBER CABLE DATA SHEET

### CABLE CODE/CABLE TYPE

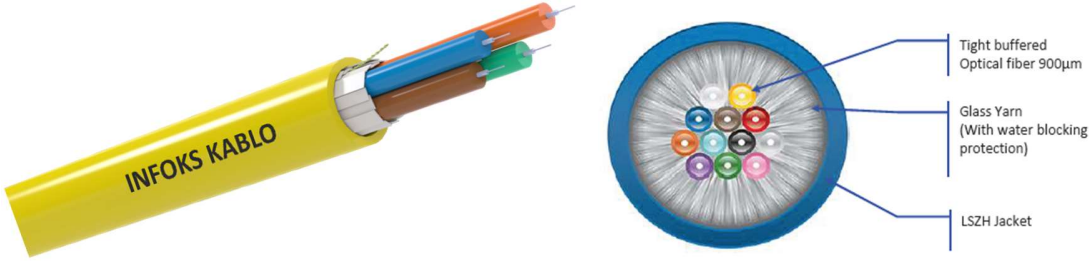
I-V(BN)H nx1

**TIGHT BUFFER, NON METALLIC ARMoured , LSZH JACKET B2ca CPR Class FIBER OPTIC CABLE**

### KEY FEATURES

Non Metallic Armoured, Dry core, UV- Resistant, Rodent Resistant, Waterproof, B2ca LSZH JACKET

### CABLE DRAWING and CROSS SECTION



### STANDARTS

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

### CONSTRCTIONS

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
CPR Class	B2ca,s1,d0,a1

### APPLICATIONS

Direct Connection to Terminal Equipments  
Inter Building and Intrabuilding Voice or Data Communication Networks  
Installed in Ducts & Conduits  
Vertical Riser and General Horizontal Applications  
LAN  
Fttx Cabling  
Interconnection of Distribution Boxes, Distribution Frames and Customer Equipment and between the floors  
Supply of electricity and communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke

## DIMENSIONS/PHYSICAL SPECIFICATIONS

	2	4	6	8	10	12	16	24	IEC 60794-1-2 Test method
Number of fibers									
Isolated Tight OD Max. (µm)	950								
Isolated Tight OD Nom. (µm)	900								
Isolated Tight OD Min. (µm)	850								
OD cable Max. (mm)	4,5	6,0	6,5	7,3	7,5	7,7	8,5	9,0	
OD cable Nom. (mm)	4,0	5,5	6,0	6,8	7,0	7,2	8,0	8,5	
OD cable Min. (mm)	3,5	5,0	5,5	6,3	6,5	6,8	7,5	8,0	
Max. Jacket Thickness (mm)	1,2								
Min. Jacket Thickness (mm)	0,8								
Minimum Bending radius	20 x D								E11
Max. Operating Load (N)	800						1200		
Maximum Installation Pulling Load (N)	1200						1600		
Crush (N/100mm)	1000								E3
Twist (torsion)	5 turn of 180° on 1m sample, both ways.								E7
Impact resistance	2,2J ; 1,5 x 2 times				4.4J ; 3 x 2 times				E4
Storage temperature Range	-10°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)	22	28	30	33	38	48	66	76	

## QUALIFICATION SPECIFICATIONS

Cable Qualification Standards ANSI/ICEA S-104-696 | EN 187105 | Telcordia GR-20 | Telcordia GR-409

## CERTIFICATIONS

RoHS	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system
ISO 14001:2004	Designed, Environmental management systems
ISO 18001:2007	Occupational Health and Safety Assessment Series

## PACKING and DELIVERY LENGTHS

WOODEN DRUMS, standart delivery lengths are 4000mt

## SHEATH MARKING

INFOKS KABLO WEEK/YEAR I-V(BN)H xxxF TYPE of FIBRE CPR Class DRUM NO LENGTH (M)