

## OPTICAL FIBER CABLE DATA SHEET

### CABLE CODE/CABLE TYPE

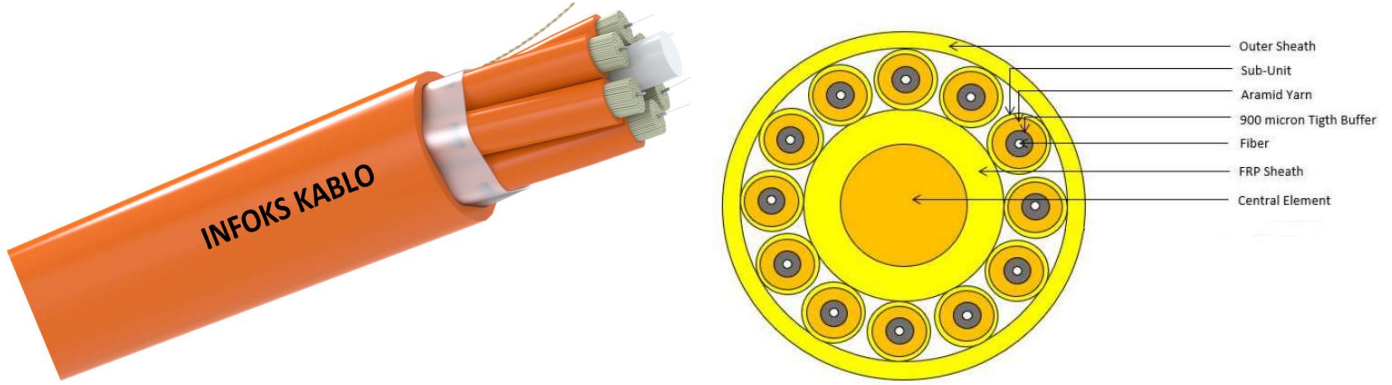
I-V(ZN)HH nx1

**TIGHT BUFFER, NON METALIC ARMOURED ,BREAKOUT, LSZH JACKET B2ca CPR Class FIBER OPTIC CABLE**

### KEY FEATURES

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

### CABLE DRAWING and CROSS SECTION



### STANDARTS

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

### CONSTRACIONS

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  
Data Center cabling  
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

									IEC 60794-1-2 Test method
Number of fibers	2	4	6	8	10	12	16	24	
Isolated Tight OD Nom. (µm)	900±50								
Sub unit OD Nom. (mm)	2.0±0,1								
OD cable Max. (mm)	7,5	8,0	9,0	10,5	12,5	13,5	14,0	16,0	
OD cable Nom. (mm)	7,0	7,5	8,5	10,0	12,0	13,0	13,5	15,5	
OD cable Min. (mm)	6,5	7,0	8,0	9,5	11,5	12,5	13,0	15,0	
Max. Jacket Thickness (mm)	1,2								
Min. Jacket Thickness (mm)	0,8								
Minimum Bending radius	20 x D								E11
Max. Operating Load (N)	1200				1600				
Maximum Installation Pulling Load (N)	1600				2500				
Crush (N/100mm)	1200								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
Nom. Weight (Kg/Km)	22	70	70	90	100	110	125	140	

## 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(ZN)HH xxF TYPE of FIBRE CPR Class DRUM NO LENGTH (M)