



900 mic.tight

Non Metallic strenght member (Aramide or glass yarn)

HFFR Outer Sheath

Cable type	I-H(ZN)H nx1
Applications	Indoor and duct installations

STANDARTS	
IEC 61034 (<i>low Smoke, zero halogen</i>), IEC 60 332-3 (<i>flame retardant</i>), IEC 60754-2 (<i>FRNC</i>), DIN VDE0472 part 813 (<i>FRNC</i>)	
ITU-T G.651 (<i>Multi Mode Fiber</i>), ITU-T G.652; ITU-T G.657 (<i>Single Mode Fiber</i>), ITU-T G.655 & G.656 (<i>NZDS Fiber</i>)	
EN 187000:IEC 60794- 1&2, EN 188000:IEC 60793- 1&2 (<i>Generic cable specifications</i>)	

KEY FEATURES	
Tight buffered fibre of 900 µm diameter (<i>Easy to strip</i>)	
Non-metallic strenght members (Aramide yarn or glass yarn)	
Completely dry core design	
Halogen Free Flame Retardant / Flame Retardant Non-Corrosive / Low Smoke Zero Halogen	
Small diameter and flexibel design	
All dielectric non-metallic construction, hence no ground loop problems	

Specification of Cable				
No. of Fibers	4 core	6 core	12 core	24 core
Nom. Weight (kg/km)	28	32	50	64
Nom. Diameter (mm)	5,5	6,0	7,2	8,5
Out jacket nom thickness(mm)	1,0	1,0	1,0	1,0
Max. Pulling Load (N)	1000	1200	1200	1200
Min. Banding Radius	20xD	20xD	20xD	20xD
Storage Temperature	-30 to +70			
Operating Temperature	-30 to +70			

Optical Fiber Single Mode		
Fiber	G.652-D	G.657 A2
Attenuation @ 1310nm	0,36dB/km	0,35dB/km
Attenuation @ 1550nm	0,22dB/km	0,21dB/km
Mode Field Dia. @1310nm	9,2±0,4	8,6±0,4
Coating Diameter µm	245±10	

Optical Fiber Multi Mode

Fiber	50/125 OM2	50/125 OM3	62,5/125 OM1
Attenuation @ 1300nm	1,0dB/km	1,0dB/km	1,0 dB/km
Attenuation @ 850nm	3,0dB/km	3,0dB/km	3,2dB/km
Bandwidth @1300 nm	≥800 MHz*km	≥500 MHz*km	≥200 MHz*km
Bandwidth @850 nm	≥500 MHz*km	≥1500 MHz*km	≥500 MHz*km
Core Diameter µm	50±3	50±3	62,5±3
Cladding Diameter µm	125±2	125±2	125±2
Coating Diameter µm	245±10	245±10	245±10

Additional technical information

Standard continuous length	2000 mt		
Standard cable color			
Single Mode 9/125 (G.657 A/B)	White	RAL 9002	
Single Mode 9/125 (G.652-D)	Yellow	RAL 1021	
Multi Mode 50/125 OM2	Blue	RAL 5015	
Multi Mode 50/125 OM3	Aqua	RAL 6027	
Multi Mode 62,5/125 OM1	Orange	RAL 2008	
Marking			
INFOKS OPTICAL CABLE	ITU-T G.657 A2/B2 2x1	LSZH	RoHS
	production no	meter (m)	

(Other colors are available upon request)

PACKING

Drum type	ply-wood
Dimensions (cm)	75x75x55



DRN CABLE FIBERS

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