



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

STANDARTS

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

KEY FEATURES

Tight buffered fibre of 900 µm diameter (*Easy to strip*)
 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

Spesification of Cable

No. of Fibers	2	4	6
Nom. Weight (kg/km)	38	48	62
Nom. Diameter (mm)	7	7,0	8,5
Out jacket nom thickness(mm)	1,0	1,0	1,0
Sub-unit dia (mm)	2,0	2,0	2,0
Max. Pulling Load (N)	1000	1200	1200
Min. Banding Radius	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	

DRN CABLE FIBERS

Optical Fiber Single 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

Cumhuriyet Caddesi Değirmen Sokak No.12 Kartal-İstanbul/TÜRKİYE Tel: +90 538 867 2405
<http://www.indoorfiber optic.com>