



<b>Cable type</b>	A-V(ZN)H(SR)2Y
<b>Applications</b>	Outdoor and duct installations

<b>STANDARTS</b>
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> )

<b>KEY FEATURES</b>
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 inner sheath Corrugated Steel Tape HDPE Outer Sheath

<b>Spesification of Cable</b>			
No. of Fibers	4 core	6 core	12 core
Nom. Weight (kg/km)	70	85	95
Nom. Diameter (mm)	8,5	9,0	10
Out jacket nom thickness(mm)	1,4	1,4	1,4
Max. Pulling Load (N)	1200	1500	1500
Min. Banding Radius	20xD	20xD	20xD
Storage Temperature	-30 to +70		
Operating Temperature	-30 to +70		

<b>Optical Fiber Single Mode</b>		
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 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)	Black	RAL 9005	
Single Mode 9/125 (G.652-D)	Black	RAL 9005	
Multi Mode 50/125 OM2	Black	RAL 9005	
Multi Mode 50/125 OM3	Black	RAL 9005	
Multi Mode 62,5/125 OM1	Black	RAL 9005	
Marking			
INFOKS OPTICAL CABLE A-V(ZN)H(SR)2Y nx1	production no	meter (m)	
(Other colors are available upon request)			

## PACKING

Drum type	wooden
Dimensions (cm)	90x90x64