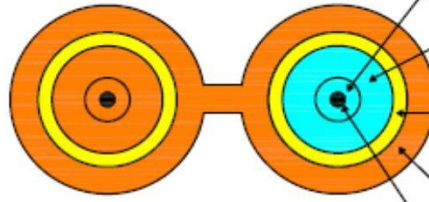




SIMPLEX



DUPLEX ZIPCORD

- 250 mic Acrylate Fiber Coating
- 900 mic Diameter Tight-Buffer
- Aramide Strength Member
- Outer Jacket
- Optical Fiber

OPTICAL FIBER CABLE SPECIFICATION

Cable type	I-H(ZN)H 2x1
Applications	Indoor interconnect and patch-cord 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)
 Completely dry core design
 Halogen Free Flame Retardant / Flame Retardant Non-Corrosive / Low Smoke Zero Halogen
 Small diameter 2.0 [mm]
 All dielectric non-metallic construction, hence no ground loop problems

Optical Chararacteristics (ITU-T G.657 A2/B2 Band-Bright XS)

	1310nm	1550nm	1625nm
Attenuation max	0,35 dB/km	0,21 dB/km	0,24 dB/km
Mode Field Diameter	8,8±0,4 µm		
PMD ps√km	≤ 0,1		
Clading Diameter	125 ± 0,7µm		
Coating Diameter	242 ± 7		
Core/Clading concentricity	≤ 0,5 µm		
Attenuation with bending 7,5 mm mandrel radius		≤0,5 dB (@1550nm)	

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

SPEKIFICATION OF CABLE

Diameter (mm)	2.00x4,10 / 2,90x5,80
Fiber (µm)	242±7
Tight (µm)	900±100
Weight (kg/km)	8,3±0,2 / 15,4±0,3

CABLE CHARACTERISTICS

Number of fibers (n)		2	
Tensile strength (N)	installation	400	IEC 60794-1-2-E1
	operation	200	
Crush resistance (N/cm)	installation	500	IEC 60794-1-2-E3
	operation	250	
Impact resistance			
Wp=0,74 J r=25 mm	impact	3	IEC 60794-1-2-E4
Torsion			
± 360° 1000 mt 5N	cycles	3	IEC 60794-1-2-E7
Temperature (°C)	Storage	-10°C to +60°C	IEC 60794-1-2-F1
	operation	-10°C to +60°C	

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
Marking		
INFOKS OPTICAL CABLE ITU-T G.657 A2/B2 2x1 LSZH RoHS production no meter (m)		
(Other colors are available upon request)		

PACKING

2000mt±100 mt per drum
44cm x 27 cm drum size
ply-wood drum

DRN CABLE FIBERS