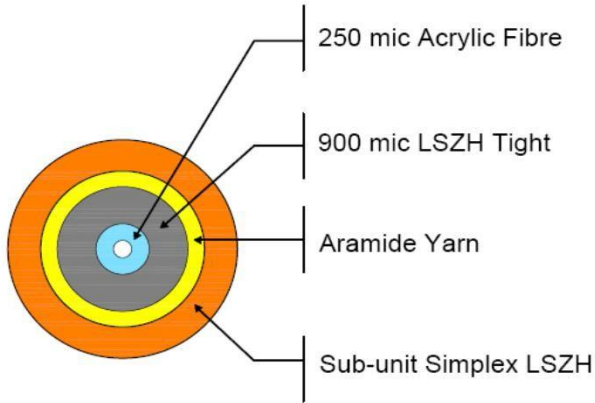


SIMPLEX CABLES 1x1

DRN® | **CABLE**
FIBERS



OPTICAL FIBER CABLE SPECIFICATION

Cable type	I-H(ZN)H 1x1
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 2.4 [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 \pm 0,4 μm		
PMD ps \sqrt km	\leq 0,1		
Clading Diameter	125 \pm 0,7 μm		
Coating Diameter	242 \pm 7		
Core/Clading concentricity	\leq 0,5 μm		
Attenuation with bending 7,5 mm mandrel radius		\leq 0,5 dB (@1550nm)	

SPESIFICATION OF CABLE

Diameter (mm)	2,40 \pm 0,2 mm
Fiber (μm)	242 \pm 7
Tight (μm)	900 \pm 100
Weight (kg/km)	7,7 \pm 0,2

DRN CABLE FIBERS

Cumhuriyet Caddesi Değirmen Sokak No.12

Kartal-İstanbul/TÜRKİYE

Tel: +90 538 867 2405

<http://www.indoorfiber optic.com>

CABLE CHARACTERISTICS

Number of fibers (n)		1	
Tensile strength (N)	installation	300/500	IEC 60794-1-2-E1
	operation	150/300	
Crush resistance (N/cm)	installation	300/500	IEC 60794-1-2-E3
	operation	250/300	
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	
Multi Mode 50/125 (OM2)	Orange	RAL 2011	
Multi Mode 50/125 (OM3)	Aqua	RAL 6027	
Multi Mode 62,5/125 (OM1)	Blue	RAL 5015	
Marking			
INFOKS OPTICAL CABLE	ITU-T G.657 A2/B2	1x1	LSZH RoHS production no meter (m)
(Other colors are available upon request)			

PACKING

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