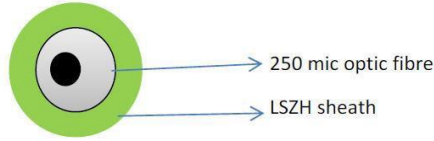


**pig tail 1x1**



→ 250 mic optic fibre

→ LSZH sheath

## OPTICAL FIBER CABLE SPECIFICATION

**Cable type**

J-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*)

Completely dry core design

Halogen Free Flame Retardant / Flame Retardant Non-Corrosive / Low Smoke Zero Halogen

All dielectric non-metallic construction, hence no ground loop problems

## Optical Characteristics (ITU-T G.652-D//G.657 A2/B2 Band-Bright)

	G.657 A2/B2 BandBright XS		G.652-D	
	1310nm	1550nm	1310 nm	1550 nm
Attenuation max	0,35 dB/km	0,21 dB/km	0,36 dB/km	0,22 dB/km
Mode Field Diameter	8,8±0,4 µm		9,0±0,4 µm	
PMD ps√km	≤ 0,1		≤ 0,1	
Cladding Diameter	125 ± 0,7µm		125 ± 0,7µm	
Coating Diameter	242 ± 7		242 ± 7	
Core/Cladding concentricity	≤ 0,5 µm		≤ 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
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

## DRN CABLE FIBERS

Cumhuriyet Caddesi Değirmen Sokak No.12

Kartal-İstanbul/TÜRKİYE

Tel: +90 538 867 2405

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

## SPEIFICATION OF CABLE

Diameter (mm)	900±50 µm
Fiber (µm)	242±7
Weight (kg/km)	1.0

## CABLE CHARACTERISTICS

Number of fibers (n)	1		
Temperature (°C)	Storage operation	-10°C to +60°C -10°C to +60°C	IEC 60794-1-2-F1

## 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 2009
Multi Mode 50/125 OM3	Turquoise		RAL 2009
Multi Mode 62,5/125 OM1	Orange		RAL 2009

## PACKING

ABS drum 25 x25x30 cm

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