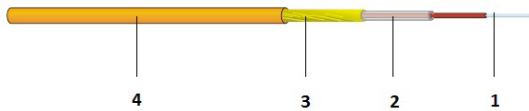


## FO Indoor Simplex / I-V(ZN)H

2.0 mm, LS0H, Euroclass Fca

semi tight buffer

flame retardant - IEC 60332.1



- 1 Fibre
- 2 Semi tight buffer: 900 µm
- 3 Aramid yarn
- 4 LS0H sheath



### Description

Thin and flexible fibre optic Simplex cable with semi-tight buffer 0.9 mm.

Easy handling, easy to strip off.

Flame retardant halogen-free LS0H sheath. Low fire load.

### Application

Suitable for patch cables between terminal distributors and/or end devices.

For direct termination with connectors.

Can also be spliced in terminal distributors.

### Construction

Outer sheath material	FRNC/LSZH
-----------------------	-----------

### General Properties

Imprint	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»
Installation temperature	-10 °C - +50 °C
Operating temperature	-20 °C - +60 °C

### Mechanical properties

Minimum number of impacts	IEC 60794-1-21 E4
---------------------------	-------------------

## Standards

Tensile performance	IEC 60794-1-21 E4
Crush resistance	IEC 60794-1-21 E6
Impact	IEC 60794-1-21 E7
Repeated bending	IEC 60794-1-21 E11 A
Reaction to fire (Euroclasses)	EN 13501-6
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2
Flame Propagation	IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2
Smoke Density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2

## Versions

Material number	Product	Reaction To Fire	Outer sheath colour	Fibre type	Outer sheath diameter [mm]	Bending radius [mm]	Weight [kg/km]	Tensile load [N]	Crush resistance short term [N]	Fire load [kWh/m]	Packing unit
19212600FZ	EF 2.0 Simplex, yellow fibre	Fca	yellow	E9/125 G.652.D BLO	2	50	4	100	500	0.031	by the metre
19448400FZ	EF 2.0 Simplex, red fibre	Fca	yellow	E9/125 G.652.D BLO	2	50	4	100	500	0.031	by the metre
19443200FZ	EF 2.0 Simplex, red fibre	Fca	green	E9/125 G.652.D OS2	2	50	4	100	500	0.031	by the metre
19187800FZ	EF 2.0 Simplex, turquoise fibre	Fca	turquoise	G50/125 OM3	2	50	4	100	500	0.031	by the metre

Subject to technical modification

As of 2020-11-06 13:44:41