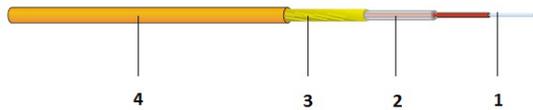


FO Indoor Simplex / I-V(ZN)H

2.8 mm, LSOH, Euroclass Dca

semi tight buffer

flame retardant - IEC 60332.1



- 1 Fibre
- 2 Semi tight buffer: 900 µm
- 3 Aramid yarn
- 4 LSOH 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 LSOH 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
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General properties

Maximum number of fibres	1
Installation temperature	-10 °C - +50 °C
Operating temperature	-20 °C - +60 °C
Imprint	DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»
Field of application	Indoor

Standards

Tensile performance	IEC 60794-1-21 E1
Crush resistance	IEC 60794-1-21 E3
Impact	IEC 60794-1-21 E4
Repeated bending	IEC 60794-1-21 E6
Torsion	IEC 60794-1-21 E7
Bend	IEC 60794-1-21 E11
Temperature cycling	IEC 60794-1-22 F1
Reaction to fire	EN 13501-6
Euroclass	D _{ca}
Smoke density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2
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

Versions

Material number	Product	Reaction to fire	Outer sheath colour	Fibre type	Fibre category	Outer sheath material	Outer sheath diameter [mm]	Bending radius [mm]	Weight [kg/km]	Tensile load [N]	Crush resistance short term [N]	Fire load [kWh/m]	Packing unit	GTIN / EAN
19334100DZ	FO Indoor Simplex	Dca-s2,d1,a1	yellow	E9/125 G.652.D BLO	OS2	FRNC/LSZH	2.8	70	6	100	500	0.035	by the metre	
19208500DZ	FO Indoor Simplex	Dca-s2,d1,a1	green	E9/125 G.652.D OS2	OS2	FRNC/LSZH	2.8	70	6	100	500	0.035	by the metre	
19208600DZ	FO Indoor Simplex	Dca-s2,d1,a1	yellow	E9/125 G.652.D OS2	OS2	FRNC/LSZH	2.8	70	6	100	500	0.035	by the metre	
19208800DZ	FO Indoor Simplex	Dca-s2,d1,a1	turquoise	G50/125 OM3	OM3	FRNC/LSZH	2.8	70	6	100	500	0.035	by the metre	

Subject to technical modification

As of 2024-06-27 11:36:14