

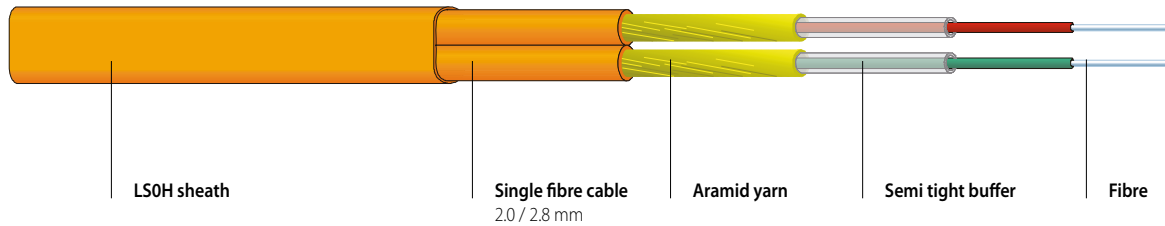
FIBRE OPTIC INDOOR CABLES

FO Indoor Duplex / I-V(ZN)HH

2.0 mm / 2.8 mm, LSOH

semi tight buffer

flame retardant - IEC 60332.1



PRODUCT INFORMATION



FEATURES

Robust and flexible fibre optic Duplex cable, based on 2 single-fibre cables 2.0 / 2.8 mm with semi tight buffer 0.9 mm in a common sheath.
 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.

OPTICAL CHARACTERISTICS

The cables are available with different types of optical fibre (see fibre data sheets).

MECHANICAL CHARACTERISTICS

Temperature range in operation: -20 / +60°C IEC 60794-2-10
 -10 / +60°C for assembled patch cords
 Tensile performance: IEC 60794-1-2 E1 A
 Crush resistance: IEC 60794-1-2 E3
 Impact: IEC 60794-1-2 E4
 Repeated bending: IEC 60794-1-2 E6
 Torsion: IEC 60794-1-2 E7
 Bend: IEC 60794-1-2 E11 A

GENERAL CHARACTERISTICS

Sheath colour: E9/125 yellow or green
 G50/125 OM2 orange
 G50/125 OM3/OM4 turquoise
 G62.5/125 OM1 grey
 Imprint: DATWYLER «cable type» «Datwyler designation» «DIN designation»
 «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»

- Zero halogen, non corrosive gases IEC 60754-1/-2, EN 50267-2-1/-2-2, VDE 0482-267-2-1/-2-2
- Flame retardant IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2
- Minimum smoke emission IEC 61034-1/-2, EN 61034-1/-2 (EN 50268-1/-2), VDE 0482-1034-1/-2 (VDE 0482-268-1/-2)

Copper

Fibre Optics

Cabinets & Racks

Data Centre

Wireless

Multimedia

General Information

GF-2307 Duplex2.0/2.8 0712/e

PRODUCT INFORMATION

Description	Sheath Ø	Weight	Bending radius	Tensile load	Crush resistance	Fire load
Duplex I-V(ZN)HH	mm	kg/km	mm	N	short term N	kWh/km MJ/km
Duplex	4.8 x 3.2	21	50	200	3000	100 360
Duplex	6.6 x 4.0	25	70	200	3000	120 432

VERSIONS

I-V(ZN)H	Fibres	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.
Description	number	E9/125 G.657.A1 sheath colour green	E9/125 G.657.A1 sheath colour yellow	E9/125 G.652.D sheath colour green	E9/125 G.652.D sheath colour yellow	G50/125 OM2	G50/125 OM3	G50/125 OM4	G62.5/125 OM1
Duplex 2.0 mm	2	192 139	on request	192090	192091	192092	19293	192184	192094
Duplex 2.8 mm	2	on request	on request	192095	192096	192097	192098	on request	192099