



PRODUCT INFORMATION



FEATURES

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.

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)

Description	Sheath Ø	Weight	Bending radius	Tensile load	Crush resistance	Fire load
I-V(ZN)H	mm	kg/km	mm	N	short term N	kWh/km MJ/km
EF 2.0 Simplex	2.0	4.1	50	100	500	31 111
EF 2.8 Simplex	2.8	7.1	70	100	500	35 124

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
EF 2.0 Simplex	1	192138	192126	191874	191876	191877	191878	on request	191879
EF 2.8 Simplex	1	on request	on request	192085	192086	192087	192088	on request	192089