



Product information



Features

Thin, flexible fibre optic Simplex cable with semi loose tube 0.9mm.
Easy handling and simple to strip off.
Low Fire load due to the halogen free LSOH sheath.

Application

Patch cable between terminal distributors and/or end devices.
Direct connector installation.
Can be spliced in cable terminal distributors.

Optical characteristics

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

Mechanical characteristics

temperature range	operation	-20 / +60°C IEC 60794-2-10
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/green
	G50/125	orange
	G50/125 OM3	turquoise
	G62.5/125	grey
Printing	DÄTWYLER OPTOFIL 1E9 G.652D LSOH	
	C-no. 10880	2050 m

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	cable Ø	weight	bending radius	tensile load	crush resistance	Fire load	
I-V(ZN)H	mm	kg/km	mm	N	short term N/cm	kWh/km	MJ/km
EF 2.0, Simplex	2.0	4.1	50	100	50	31	111
EF 2.8, Simplex	2.8	7.1	73	100	50	35	124

Versions

I-V(ZN)H	fibre	Article No.	Article No.	Article No.	Article No.	Article No.
description	number	E9/125 G.652.D	E9/125 G.652.D	G50/125 OM2	G50/125 OM3	G62.5/125 OM1
		sheath colour green	sheath colour yellow			
EF 2.0, Simplex	1	191 319	191 320	191 321	on request	191 322
EF 2.8, Simplex	1	191 323	on request	191 324	on request	191 325