Dätwyler

Optofil-Indoor cable

2.1, LSOH

semi-loose buffer tube design

optofil®

Communication technology

Features

Thin, flexible fibre optic Simplex cable with semi loose tube 0.9 mm.
Easy handling and simple to strip off.
Low Fire load due to the halogen free LSOH sheath 2.1mm.

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	-10 / +60°C EN 60794-1-2 F1
tensile performance	EN 60794-1-2 E1	
crush resistance	EN 60794-1-2 E3	
impact	EN 60794-1-2 E4	
repeated bending	EN 60794-1-2 E6	
torsion	EN 60794-1-2 E7	
bend	EN 60794-1-2 E11	

general characteristics

sheath colour	E9/125	yellow (green)
	G50/125	orange
	G62.5/125	grey
Printing	Dätwyler Optofil E9 LSOH C-no. 10880 2050 m	
Zero halogen, non-corrosive gasses	(DIN VDE 0472-813) new: DIN VDE 0482-267, EN 50267 (CENELEC HD 602), IEC 60754-2	
Minimal smoke	(DIN VDE 0472-816) new: DIN VDE 0482-268, EN 50268 (CENELEC HD 606), IEC 61034	

description I-KH	cableØ mm	weight kg/km	bending radius mm	tensile load N	crush resistance continuous N/cm	crush resistance short term N/cm	Fire load kWh/km	Fire load MJ/km
Optofil-I EF 2.1, LSOH	2.1	3.9	30	100	10	100	23	83

Versions

I-KH	fibre	Article No.	Article No.	Article No.
description	number	E9/125 - green	G50/125	G62.5/125
Optofil-I EF 2.1, LSOH	1	178 671	178 001	182 632

Technical changes reserved.