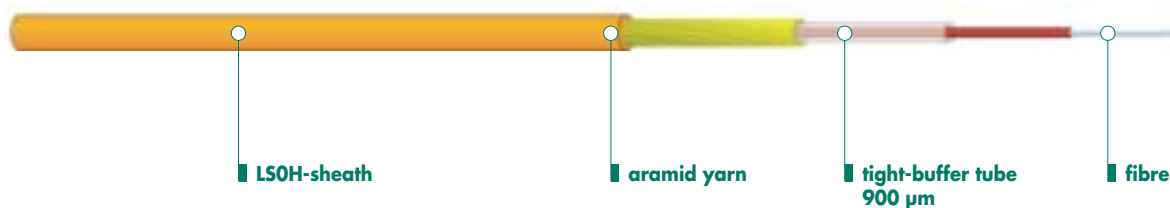




Optofil-Indoor cable

2.4 / 2.8 mm, LSOH

Tight-buffer tube design,
flame retardant to IEC 60332.1



LSOH-sheath

aramid yarn

tight-buffer tube
900 µm

fibre

Product information

Features

Flexible cable with a small outer diameter. Easy to remove.
Tight-buffer tube design 900 µm.
LSOH cable sheath with very low burning load.

Application

Connection cable between terminal distributors and/or end devices
direct assembling on Simplex, Duplex or MTRJ connectors
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 K-Nr. 10888 2850m	
Zero halogen, non-corrosive gasses	(DIN VDE 0472-813) new: DIN VDE 0482-267, EN 50267 (CENELEC HD 602), IEC 60754-2	
Self-extinguishing	(DIN VDE 0472-804) new: DIN VDE 0482-265, EN 50265 (CENELEC HD 405.1), IEC 60332-1	
Minimal smoke	(DIN VDE 0472-816) new: DIN VDE 0482-268, EN 50268 (CENELEC HD 606), IEC 61034	

description I-V(ZN)H	cable Ø mm	weight kg/km	bending radius mm	tensile load N	crush resistance		Fire load	
					continuous N/cm	short term N/cm	kWh/km	MJ/km
Optofil/I EF 2.4, Simplex	2.4	5.5	35	100	10	100	32	115
Optofil/I EF 2.8, Simplex	2.8	7.5	40	100	10	100	41	148

Versions

I-V(ZN)H	fibre	Article No.	Article No.	Article No.
description	number	E9/125 green	G50/125	G62.5/125
Optofil/I EF 2.4, Simplex	1	181 354	181 356	181 781
Optofil/I EF 2.8, Simplex	1	181 355	181 780	181 782