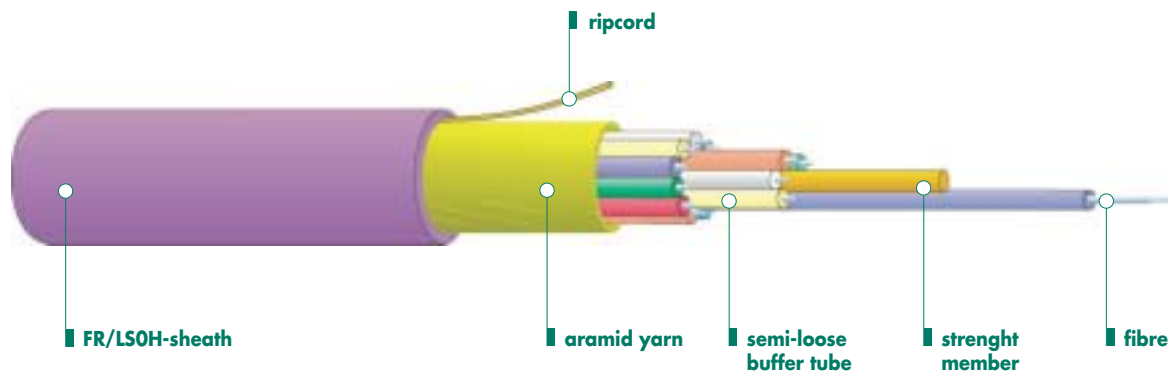




Optomod-Indoor cable

KFR/LSOH

semi-loose buffer tube, flame redardant according to IEC 60332.1 and IEC 60332.3 C



Product information

Features

Robust, easy handling fibre optic indoor cable with non metallic strength member. Small overall diameter, stranded semi loose tube construction with 0.9 mm secondary coating. Flame retardant KFR/LSOH cable design with low fire load.

Application

Fibre To The Desk (FTTD) applications
 Connection cable between main and terminal distributors
 Can be laid in ducts, cable platforms, cable trays and vertical shafts
 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

Printing Dätwyler Optomod 12 G50 KRF/LSOH
 C-no. 10917 ~ ~ 1650 m ~ ~

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
Minimum fire propagation	DIN VDE 0472-804/testing method C, CENELEC HD 405.3, IEC 60332-3 cat. C
Minimal smoke	(DIN VDE 0472-816) new: DIN VDE 0482-268, EN 50268 (CENELEC HD 606), IEC 61034

description I-K(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
Optomod/l 2x1	5.9	39	75	700	50	200	207	745
Optomod/l 4x1	5.9	39	75	700	50	200	204	734
Optomod/l 6x1	5.9	39	75	700	50	200	201	724
Optomod/l 8x1	5.9	39	75	700	50	200	199	716
Optomod/l 10x1	7.1	54	85	700	50	200	302	1087
Optomod/l 12x1	7.1	56	85	700	50	200	299	1076
Optomod/l 16x1	7.8	57	95	700	50	200	338	1217
Optomod/l 20x1	7.8	60	95	700	50	200	332	1195
Optomod/l 24x1	9.0	77	100	700	50	200	464	1670

Versions

I-K(ZN)H	fibre	Article No.	Article No.	Article No.
description	number	E9/125	G50/125	G62.5/125
Optomod/l 2 x 1	2	on request	178 251	178 281
Optomod/l 4 x 1	4	on request	179 252	178 282
Optomod/l 8 x 1	8	on request	178 254	178 284
Optomod/l 12 x 1	12	on request	178 255	178 285
Optomod/l 24 x 1	24	on request	178 257	178 287