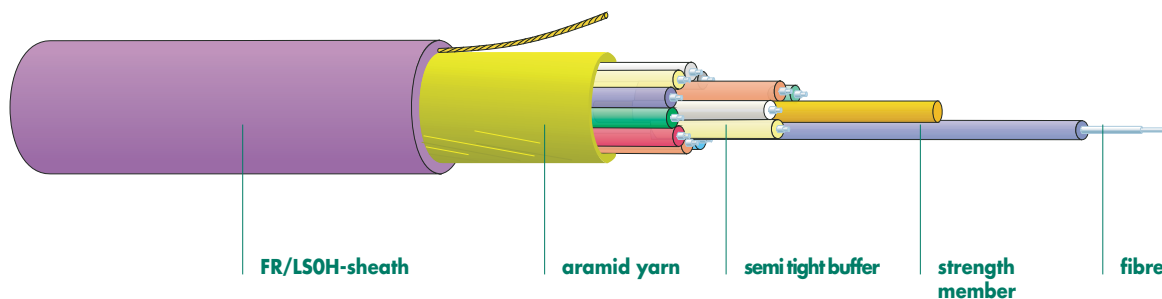


optomod®-Indoor cable / I-V(ZN)H

FR/LSOH

semi tight buffer tube design, flame retardant according to IEC 60332.1 and IEC 60332.3-24 Kat.C

Dätwyler Cables



FR/LSOH-sheath

aramid yarn

semi tight buffer

strength member

fibre

Product information



Features

Robust, easy handling fibre optic indoor cable with non metallic strength member. Small overall diameter, stranded semi tight buffer tube design with 0.9mm. Flame retardant FR/LSOH cable design with low fire load.

Application

Fibre To The Desk (FTTD) applications
 Inhouse cabling solutions for Fibre to the Home 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	-20 / +60°C IEC 60794-2-20
tensile performance	IEC 60794-1-2 E1	
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	

General characteristics

Printing example DÄTWYLER OPTOMOD 12G50 1GBE OM2 FR/LSOH
 C-no. 10917 ~ ~ ~ 1650 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
Fire resistant (no flame propagation)	IEC 60332-3-24 Cat.C, EN 50266-2-3 Cat.C, VDE 0482-266-2-3 Cat.C
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 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
Optomod/l	2x1	5.9	35	75	700	50	200	207	745
Optomod/l	4x1	5.9	35	75	700	50	200	204	734
Optomod/l	6x1	5.9	35	75	700	50	200	201	724
Optomod/l	8x1	5.9	35	75	700	50	200	199	716
Optomod/l	12x1	7.1	50	85	700	50	200	299	1076
Optomod/l	24x1	9.0	72	100	700	50	200	464	1670

Versions

I-V(ZN)H		fibre	Article No.	Article No.	Article No.
description		number	E9/125 G.652.D	G50/125 OM2	G62.5/125 OM1
Optomod/l	2 x 1	2	191 731	191 737	191 743
Optomod/l	4 x 1	4	191 732	191 738	191 744
Optomod/l	6 x 1	6	191 733	191 739	191 745
Optomod/l	8 x 1	8	191 734	191 740	191 746
Optomod/l	12 x 1	12	191 735	191 741	191 747
Optomod/l	24 x 1	24	191 736	191 742	191 748