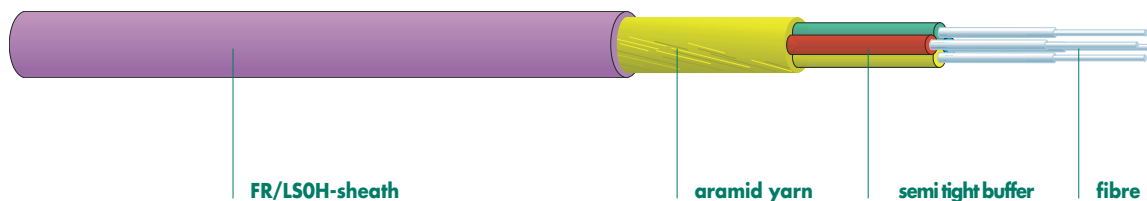


optodesk®-Indoor cable/ I-V(ZN)H

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

fibre

Product information



Features

Easy handling fibre optic indoor cable. Small overall diameter in semi tight buffer tube design with 0.9mm. Flame retardant FR/LSOH cable construction with very 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 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 OPTODESK 4G50 1GBE OM2 LSOH
 C-no. 10915 ~ ~ 1875 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
Optodesk/I	4x1	3.7	55	300	50	200	87	313

Versions

I-V(ZN)H	fibre	Article No.	Article No.	Article No.
description	Anzahl	E9/125 G.652D	G50/125 OM2	G62.5/125 OM1
Optodesk/I	4 x 1	191 749	191 750	191 751

Copper screened

Copper unscreened

Cables
Fibre optic

Systems

Accessories

Informations