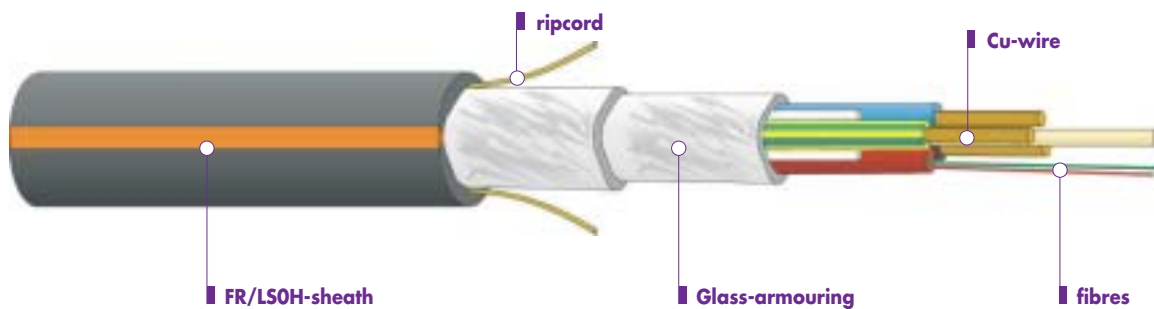




Optofil-A combi cable

with loose tube

dry interstices,
rodent protected, flame retardant
according to IEC 60332.1 and IEC 60332.3 C



FR/LSOH-sheath

ripcord

Cu-wire

Glass-arming

fibres

Product information

Features

Non metallic combined glass armoring and strain relief, easy to lay,
2 ripcords for safe opening of the cable sheath.
Dry interstices, longitudinal water resistant
Flame retardant, easy to lay
LSOH cable sheath

Application

Camera combi cable in tunnels, underground railroads, large scale industry
Pulling in, or blowing through thermoplastic ducts
Laying on cable platforms and cable trays, direct burial

optical characteristics

The cables are available with different types of fibre (see fibre data sheets)

mechanical characteristics

temperature cycling	storage	-25 / +70°C	EN 60794-1-2 F1
	pulling in	-10 / +50°C	
	operation	-25/ +60°C	
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	
water penetration		EN 60794-1-2 F5	

general characteristics

Printing Dätwyler Optofil 2 E9 + 3 x 2.5 mm
K-Nr. 10858 ~ ~ 5125 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	no. of fibres	cableØ mm	weight kg/km	bending radius mm	tensile load N	crush resistance short term N/cm
wbGGFR/LSOH 1x2 E9 + 3x2.5 mm ²	2	15.0	328	225	3000	300

Versions

	fibre	Article No.	Article No.	Article No.
description	number	E9/125	G50/125	G62.5/125
wbGGFR/LSOH 1x2 E9 + 3x2.5 mm ²	2	on request	on request	on request