



- 1 Fibres
- 2 Copper wires
- 3 Glass armour
- 4 Ripcord
- 5 FR/LS0H sheath



DESCRIPTION

The glass armour provides for a combined non-metallic rodent protection and strain relief.
 Two ripcords enable the safe opening of the cable sheath.
 Dry stranding interstices - easy handling.
 Flame retardant, flame resistant 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.

OPTICAL PROPERTIES

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

MECHANICAL PROPERTIES

Temperature range	storage:	-25 / +70°C	IEC 60794-1-2 F1
	during installation:	-10 / +50°C	
	in operation:	-25 / +60°C	
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		
Water penetration:	IEC 60794-1-2 F5		

STANDARDS

Imprint DATWYLER «cable type» «Datwyler designation» «DIN designation» «no. of fibres» «fibre type» «add. text» «batch no.» «meter marks»

Zero halogen, no corrosive gases IEC 60754-1/-2, EN 50267-2-1/-2-2, VDE 0482-267-2-1/-2-2
 Flame propagation IEC 60332-1/-2, EN 60332-1-2, VDE 0482-332-1-2
 Flame spread IEC 60332.3 C, EN 50266-2-4, VDE 0482-266-2-4
 Smoke density IEC 61034-1/-2, EN 61034-1/-2 (EN 50268-1/-2), VDE 0482-1034-1/-2 (VDE 0482-268-1/-2)

VERSIONS

Article Number	Product	Fibres number	Sheath colour	Fibre type	Sheath Ø [mm]	Weight [kg/km]	Bending radius [mm]	Tensile load [N]	Crush resistance short term [N]
186358	wbGGFR Combi 1 x 2 + 3 x 2.5 mm ²	2	black	E9/125 G.652.D	13.0	233	200	3000	3000
187348	wbGGFR Combi 1 x 2 + 3 x 2.5 mm ²	2	black	G50/125 OM2	13.0	233	200	3000	3000
186366	wbGGFR Combi 1 x 2 + 3 x 2.5 mm ²	2	black	G62.5/125 OM1	13.0	233	200	3000	3000