

LifeCord-FRHF



Optical fibre cable

Central element, glass fibre, 3,3 mm

PP-slotted core, 8,0 mm

Optical fibres, 250 µm

Swellable and flame-retardant tape

Corrugated steel tape, 0,15 mm

Sheath Polyolefine plastic, halogen-free, UV-protected, standard colour red, other colours on request

Application Indoor cable for building cabling in places where the cable has to maintain its functionality during fire

Main characteristics	Max pulling force	2500 N	EN 187000 method 501
	Crush strength / 100 mm (plate)	7000 N	EN 187000 method 504
	Crush strength / 25 mm (mandrel)	1500 N	EN 187000 method 504
	Impact strength	50 J	EN 187000 method 505
	Min bending radius		270 mm during installation, 200 mm in fixed installation
	Nominal cable Ø	13.5 mm	
	Cable weight	196 kg/km	
	Min installation temperature	-15 °C	
	Operating temperature range	-30...+70 °C	

Fire properties	Fire-resistant	IEC 60331-21	-min. 90 min/750 °C
	Flame-retardant	IEC 60332-1-2	-test for single insulated wire and cable
		IEC 60332-3-22	-test for bunched wires and cables, category A
	Halogen-free	IEC 60754 series	
Smoke emission	IEC 61034 series		

Identification Lot number, cable type, cable size, production month, year, manufacturer's name and meter marking printed on the sheath

Standard fibre count			
1 x 6 SML	1 x 4 SML + 2 x 4 GKL	1 x 4 GKL	1 x 4 OML3
2 x 6 SML	1 x 6 SML + 3 x 4 GKL	2 x 4 GKL	2 x 4 OML3
4 x 6 SML	2 x 6 SML + 3 x 4 GKL	3 x 4 GKL	3 x 4 OML3
		6 x 4 GKL	6 x 4 OML3

Other types on request

