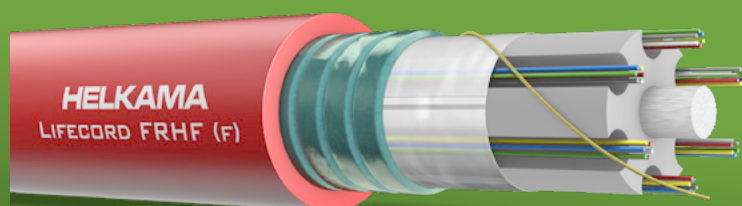


LIFECORD-FRHF (f)



CENTRAL ELEMENT	Glass fiber, Ø 3.3 mm
PP-SLOTTED CORE	Ø 8.0 mm
OPTICAL FIBERS	250 µm
WATER BLOCKING	Water swellable tape Corrugated steel tape
SHEATH	LSZH Thermoplastic Standard colour red
REFERENCE STANDARD	Helkama specification

APPLICATION

Fire-resistant optical fiber cable for indoor application. For fixed installation where the cable has to maintain its functionality during fire.

PHYSICAL PROPERTIES:

		Unit	Mechanical test
MAX PULLING FORCE	2500	N	IEC 60794-1-2 E1
CRUSH STRENGTH/ 100 mm (PLATE)	7000	N	IEC 60794-1-2 E3
CRUSH STRENGTH/ 25 mm (MANDREL)	1500	N	IEC 60794-1-2 E3
IMPACT STRENGTH	50	J	IEC 60794-1-2 E4
MIN. BENDING RADIUS (installation/fixed)	270/200	mm	
NOMINAL OUTER Ø	13.5	mm	
CABLE WEIGHT	196	kg/km	

MAIN CHARACTERISTICS:

FIRE PERFORMANCE	IEC 60332-1-2 IEC 60332-3-22
FIRE-RESISTANT	IEC 60331-25
HALOGEN-FREE	IEC 60754 series
SMOKE EMISSION	IEC 61034 series
MIN. INSTALLATION TEMPERATURE	-15 °C
OPERATING TEMPERATURE	-30 - 70 °C

LIFECORD-FRHF (f)

Part number	Cable type
15001	LifeCord FRHF 1 x 4 GKL
15005	LifeCord FRHF 1 x 4 SML
15006	LifeCord FRHF 1 x 6 SML
15008	LifeCord FRHF 2 x 6 SML
15012	LifeCord FRHF 4 x 6 SML
15020	LifeCord FRHF 1 x 4 SML + 2 x 4 GKL
15039	LifeCord FRHF 1 x 4 SML + 1 x 4 OM3L
15041	LifeCord FRHF 1 x 6 SML + 3 x 4 GKL
15043	LifeCord FRHF 2 x 6 SML + 3 x 4 GKL
15045	LifeCord FRHF 2 x 6 SML + 3 x 4 OM3L
15048	LifeCord FRHF 3 x 6 SML + 3 x 6 GKL
15062	LifeCord FRHF 2 x 4 GKL
15063	LifeCord FRHF 3 x 4 GKL
15066	LifeCord FRHF 6 x 4 GKL
15071	LifeCord FRHF 1 x 4 OM3L
15073	LifeCord FRHF 2 x 4 OM3L
15075	LifeCord FRHF 3 x 4 OM3L
15081	LifeCord FRHF 6 x 4 OM3L
15095	LifeCord FRHF 3 x 4 OM4L

Other types on request