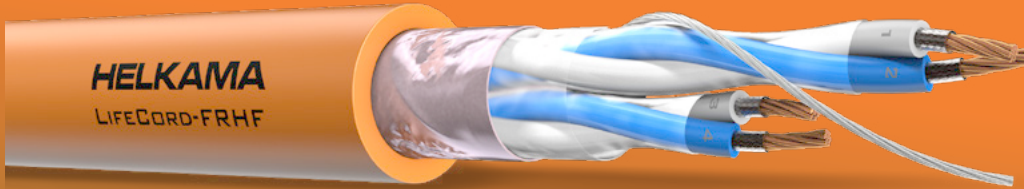


LIFECORD-FRHF

300 V



CONDUCTOR	Stranded copper conductor
INSULATION	Mica tape XLPE
STRANDING	Pairs cabled together Tinned copper drain wire under the screen
SCREEN	Aluminium polyester tape, coverage 100%
SHEATH	LSZH Thermoplastic Standard colour orange
REFERENCE STANDARD	EN 50288-7

APPLICATION

Fire-resistant screened instrumentation and communication cable 300 V. For fixed installation where the cable has to maintain its functionality during fire.

PHYSICAL PROPERTIES:

MIN. BENDING RADIUS (installation/fixed)	9 x Ø/6 x Ø
CORE IDENTIFICATION	Pair colours white/blue Black identification numbers

MAIN CHARACTERISTICS:

FIRE PERFORMANCE	IEC 60332-1-2 IEC 60332-3-22
RATED VOLTAGE	300 V
FIRE-RESISTANT	Ø < 20 mm IEC 60331-2 Ø > 20 mm IEC 60331-1
HALOGEN-FREE	IEC 60754 series
SMOKE EMISSION	IEC 61034 series
MIN. INSTALLATION TEMPERATURE	-15 °C
OPERATING TEMPERATURE	-40 - 90 °C

ELECTRICAL PROPERTIES:

		Unit
Pair loop resistance (20 °C), max.	52	ohm/km
Nominal pair capacitance (800 Hz)	45	nF/km
Loop inductance	0.6	mH/km
Insulation resistance (20 °C), min.	≥1500	Mohm/km

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Part number	No. of conductors x Conductor area (mm²)	Nominal outer Ø mm	Weight kg/km	Standard length m
0245130	1 x 2 x 0.75	8.5	75	1000
0245122	2 x 2 x 0.75	13.0	135	1000
0245124	4 x 2 x 0.75	15.5	215	1000
0245126	8 x 2 x 0.75	20.0	380	1000
0245127	12 x 2 x 0.75	24.0	545	1000
0245128	19 x 2 x 0.75	29.5	805	500
0245129	24 x 2 x 0.75	33.5	1030	500