KLMA-HF C

Signal cable-HF

75 V



Application

Control cable for fixed installations indoors and outdoors. Not to be laid in soil nor directly in cast concrete. Can also be used in medical facilities where higher fire class is required. The conductor insulation must be protected against UV-radiation. Installations must be in accordance with national regulations and rules of installations. The cable is halogen-free and flame-retardant according to CPR-class Cca-s1,d1,a1.

Design

Standards	SFS 2755
Reaction to fire	Cca-s1,d1,a1; EN 13501-6, EN 50575:2014+A1:2016
Conductor	Circular solid copper, EN/IEC 60228 class 1
Insulation	Polyethylene compound
Core Identification	Blue, yellow Blue, yellow, white, red
Pair lay up	Insulated cores twisted in pairs.
Overall shield	Aluminium tape and earthing conductor
Inner covering	Plastic tape
Oversheath	UV-protected polyolefin compound , Grey

Temperature limits

Max. conductor temperature °C	70
Max. cond. temp. short circuit max. 5 s °C	160
Min. cable temperature during operation °C	-40
Min. cable temperature during handling °C	-10
Min. cable temperature during transport °C	-40

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Technical information	4x0,8+0,8	2x0,8+0,8
Product code	**1147417**	**1147416**
Nominal cable diameter mm	6	6
Nominal cable weight kg/km	55	36
Nominal weight of copper kg/km	23	13
Nominal diameter of conductor mm	0,8	0,8
Nominal Insulation thicness mm	0,4	0,4
Nominal thickness of oversheath mm	0,8	0,7
Fire load		
Fire load MJ/m	0,493	0,342
Fire load kWh/m	0,137	0,095
Maximum forces during installation when pulling by		
Max. pulling force by pulling-eye kN	0,1	0,0
Minimum bending radii		
Minimum bending radius, handling mm	96	83
Minimum bending radius, final bending mm	64	55
Minimum bending radii		
During handling and installation, cable cm	10	8
In final installation, cable cm	6	6
DC resistance		
Max. DC resistance of conductor at 20 °C Ω/km	36,0	36,0
Electrical values		
Minimum insulation resistance MΩ × km	1000	1000

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MADE IN FINLAND

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STANDARD PACKAGES	4x0,8+0,8	2x0,8+0,8
Product code	1147417	1147416
GTIN code	6438176305737	6438176305720
Package	450 spool	500 spool

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