EQLQ LiteRex

Installation cable HF

450/750 V



Application

Installation cable for fixed installations indoors and outdoors. Not to be laid directly in cast concrete. Can be embedded to the groove filled with plaster. Cables can be installed underground, provided that national installation regulations allow it, if they are protected by installation pipes and the installation is carried out with the necessary caution. They are not suitable for long-term or permanent exposure to water. UV-protected oversheath and core insulation. Installations must be in accordance with national regulations and rules of installations. The cable is halogen-free and flame-retardant according to CPR-class Dca-s2,d2,a2.

Design

Standards	SS 424 02 19-6
Reaction to fire	Dca-s2,d2,a2; EN 13501-6, EN 50575:2014+A1:2016
Product Environmental Profile (PEP/EPD)	PEP NXNS-00562-V01.01-EN
Conductor	Circular solid copper, EN/IEC 60228 class 1
Insulation	UV-protected polyethylene compound
Core Identification	3G: Yellow-green, blue, brown 4G: Yellow-green, blue, brown, black 5G: Yellow-green, blue, brown, black, grey
Overall shield	Polyethylene laminated aluminium foil
Oversheath	UV-protected polyolefin compound , White

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	-15
Min. cable temperature during transport °C	-40

© **Reka** rights for changes reserved • **www.rekacables.com** •

Earth conductor	Circular stranded tinned copper, EN/IEC 60228 class 2

© **Reka** rights for changes reserved • **www.rekacables.com** •

)

Technical information	3G1,5	4G1,5	5G1,5	3G2,5	4G2,5	5G2,5
Product code	**1254683**	**1254684**	**1254685**	**1254688**	**1254689**	**1254690**
Nominal cable diameter mm	8	9	10	9	10	12
Nominal cable weight kg/km	102	125	147	147	181	215
Nominal weight of copper kg/km	48	61	74	73	94	116
Nominal diameter of conductor mm	1,3	1,3	1,3	1,7	1,7	1,7
Nominal Insulation thicness mm	0,5	0,5	0,5	0,6	0,6	0,6
Nominal thickness of oversheath mm	1,2	1,2	1,2	1,4	1,4	1,4
Fire load						
Fire load MJ/m	1,173	1,501	1,751	1,692	2,025	2,391
Fire load kWh/m	0,326	0,417	0,486	0,470	0,563	0,664
Maximum forces during installation when pulling by						
Max. pulling force by pulling-eye kN	0,2	0,3	0,3	0,3	0,5	0,6
Minimum bending radii						
Minimum bending radius, handling mm	83	90	100	94	104	115
Minimum bending radius, final bending mm	25	27	30	28	31	35
Minimum bending radii						
During handling and installation, cable cm	8	9	10	9	10	12
In final installation, cable cm	2	3	3	3	3	3
DC resistance						
Max. DC resistance of conductor at 20 °C Ω/km	12,1	12,1	12,1	7,41	7,41	7,41
Electrical values						
Minimum insulation resistance MΩ × km	0,011	0,011	0,011	0,01	0,01	0,01
Current ratings						
Cables in air (25 °C)						
two loaded conductor, conductor 70 °C A	23	23	23	31	31	31
three loaded conductor, conductor 70 °C A		19	19		26	26
Cables in air (30 °C)						
two loaded conductor, conductor 70 °C A	22	22	22	30	30	30
three loaded conductor, conductor 70 °C A		18,5	18,5		25	25

© **Reka** rights for changes reserved • **www.rekacables.com** •

)

Technical information	3G1,5	4G1,5	5G1,5	3G2,5	4G2,5	5G2,5
Environmental information						
The product is a declared item in the Supply Chain Declaration Portal (or short ”SCDP”) for New Buildings generation 4	Yes	Yes	Yes	Yes	Yes	Yes
(A1-A3) GWP emission kgCO2e/km	453	556	655	653	801	955
GWP emissions calculation standard	EN15804:2012 + A2:2019	EN15804:2012 + A2:2019	EN15804:2012 + A2:2019	EN15804:2012 + A2:2019	EN15804:2012 + A2:2019	EN15804:2012 + A2:2019

© **Reka** rights for changes reserved • **www.rekacables.com** •

)

2026-11-02 01:14:08

STANDARD PACKAGES	3G1,5	4G1,5	5G1,5	3G2,5	4G2,5	5G2,5
Product code	1254683	1254684	1254685	1254688	1254689	1254690
GTIN code	6438176224434	6438176224496	6438176225066	6438176225035	6438176225059	6438176224588
Package	500 K6	500 K6	100 bundle	100 bundle	100 bundle	500 K7
Product code	1254683	1254684	1254685	1254688	1254689	1254690
GTIN code	6438176224410	6438176224472	6438176224533	6438176224465	6438176224526	6438176224564
Package	50 bundle	50 bundle	50 bundle	500 K6	500 K6	50 bundle
Product code	1254683	1254684	1254685	1254688	1254689	1254690
GTIN code	6438176225028	6438176225042	6438176224557	6438176224441	6438176224519	6438176224571
Package	100 bundle	100 bundle	500 K6	50 bundle	150 spool	150 spool
Product code	1254683	1254684	1254685	1254688		1254690
GTIN code	6438176224427	6438176224489	6438176224540	6438176224458		6438176225073
Package	250 spool	200 spool	150 spool	150 spool		100 bundle

© **Reka** rights for changes reserved • **www.rekacables.com** •