EQLQ LiteRex BK

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 5G: Yellow-green, blue, brown, black, grey
Overall shield	Polyethylene laminated aluminium foil
Oversheath	UV-protected polyolefin compound , Black
Earth conductor	Circular stranded tinned copper, EN/IEC 60228 class 2

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** •

Technical information	3G1,5	5G1,5	3G2,5	5G2,5
Product code	**1254913**	**1254915**	**1254916**	**1254918**
Nominal cable diameter mm	8	10	9	12
Nominal cable weight kg/km	104	147	147	215
Nominal weight of copper kg/km	48	74	73	116
Nominal diameter of conductor mm	1,3	1,3	1,7	1,7
Nominal Insulation thicness mm	0,5	0,5	0,6	0,6
Nominal thickness of oversheath mm	1,2	1,2	1,4	1,4
Fire load				
Fire load MJ/m	1,280	1,751	1,692	2,390
Fire load kWh/m	0,356	0,486	0,470	0,664
Maximum forces during installation when pulling by				
Max. pulling force by pulling-eye kN	0,2	0,3	0,3	0,6
Minimum bending radii				
Minimum bending radius, handling mm	83	100	94	115
Minimum bending radius, final bending mm	25	30	28	35
Minimum bending radii				
During handling and installation, cable cm	8	10	9	12
In final installation, cable cm	2	3	3	3
DC resistance				
Max. DC resistance of conductor at 20 °C Ω/km	12,1	12,1	7,41	7,41
Electrical values				
Minimum insulation resistance MΩ × km	0,011	0,011	0,01	0,01
Current ratings				
Cables in air (25 °C)				
two loaded conductor, conductor 70 °C A	23	23	31	31
three loaded conductor, conductor 70 °C A		19		26
Cables in air (30 °C)				
two loaded conductor, conductor 70 °C A	22	22	30	30
three loaded conductor, conductor 70 °C A		18,5		25

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

)

Technical information	3G1,5	5G1,5	3G2,5	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
(A1-A3) GWP emission kgCO2e/km	464	655	653	955
GWP emissions calculation standard	EN15804:2012 + A2:2019	EN15804:2012 + A2:2019	EN15804:2012 + A2:2019	EN15804:2012 + A2:2019

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

)

2026-11-04 21:09:50

STANDARD PACKAGES	3G1,5	5G1,5	3G2,5	5G2,5
Product code	1254913	1254915	1254916	1254918
GTIN code	6438176227749	6438176227886	6438176227763	6438176227923
Package	50 bundle	150 spool	50 bundle	150 spool
Product code	1254913	1254915	1254916	1254918
GTIN code	6438176227862	6438176227756	6438176227909	6438176227770
Package	250 spool	50 bundle	150 spool	50 bundle

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