

EQLQ Easy® 450/750V

EQLQ Easy® 450/750 V 5G2,5

Nexans Ref.: 14070642

Country Ref.: 0461553

EAN 13: 7330000079144

The cable may be used for fixed installation indoors and outdoors. When installing in the ground, the cable shall have an extra protection against mechanical stress. The cable has protection against exposure of UV-light.

DESCRIPTION

EQLQ Easy® is a halogen free, HFFR insulated, aluminium taped, HFFR sheathed building wiring cable with circular, solid copper conductors. No talkum is used in the cable. The cable has a drain wire of twisted tinned copper wires under and in contact with the aluminium tape. EQLQ Easy® is designed according to SS 424 02 19-6. The conductors have resistance and number of wires according to SS-EN 60228 class 1. The cores are identified by colours according to HD 308. The sheath is marked type/CPRclass/manufacturer/year+month/metre marking. EQLQ Easy® meets the requirements for fire classification according to CPR $D_{ca-s2,d2,a2}$. The cable emits no corrosive gases and has low smoke production during fire. The cable has protection against exposure of UV light according to HD 626 S1 part 2.5.1. The conductor insulation shall be protected against UV light that can occur for example in light fixtures and light signs. The cable is certified by Intertek SEMKO.

Lifemark(TM) recycling marking

The external surface of the outer sheath is embossed with a text which specifies all components in the polymers and prepares the cable for future recycling.

Certification

Certified by Intertek Semko.

Quality and environmental management system

Certified according to ISO 9001, IRIS, ISO/TS 16949 and ISO 14001.



DECLARATION OF PERFORMANCE

$D_{ca-s2,d2,a2}$

STANDARDS

National SS 424 02 19-6



Conductor flexibility
Solid



Halogen free
Yes



Rated Voltage U_o/U
(Um)
450 / 750 V



Minimum installation temperature
-10 °C



Maximum operating temperature
70 °C



Bending factor when laying
7 (xD)



Bending factor installed
3 (xD)



Electro magnetic interference resistance
Yes

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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CHARACTERISTICS

Construction characteristics

Conductor material	Copper
Conductor shape	Circular
With Green/Yellow core	Yes
Conductor flexibility	Solid
Insulation	HFFR
Outer sheath	HFFR (polyolefin)
Colour	White
Halogen free	Yes
With smaller neutral conductor	No

Dimensional characteristics

Number of cores	5
Conductor cross-section	2.5 mm ²
Conductor diameter	1.6 mm
Nominal outer diameter	12.1 mm
Approximate weight	30.0 kg/100m
Average insulation thickness	0.8 mm
Average sheath thickness	1.2 mm
Neutral conductor section (when smaller)	- mm ²

Electrical characteristics

Rated Voltage U _o /U (U _m)	450 / 750 V
Max. DC resistance of the conductor at 20°C	7.41 Ohm/km

Usage characteristics

Minimum installation temperature	-10 °C
Recommended minimum installation temperature	0 °C
Maximum operating temperature	70 °C
Short-circuit max. conductor temperature	150 °C
Length	150 m
Bending factor when laying	7 (xD)
Packaging	E4
Bending factor when installed	3 (xD)
Electro magnetic interference resistance	Yes
Smoke density	IEC 61034
Gases corrosivity	IEC 60754-2
Installation type	Indoor/Outdoor
Minimum operating temperature	-40 °C
U.V resistance	Yes

SELLING AND DELIVERY INFORMATION

EQLQ Easy® will be delivered in lengths of 50 m to 500 m. The drum is marked with manufacturer, type of cable and length.

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The logo for Nexans, featuring a stylized red 'N' followed by the word 'Nexans' in a black sans-serif font.