



Nexans Ref.: 34056598-207-05

FIRE PERFORMANCE CLASS



Dca-s2,d2,a2

The cable may be used for fixed installation indoors and outdoors in air, ground and water.

STANDARDS

Product HD 603 S1/50

National SS 424 14 18



Conductor flexibility
Class 2



Rated Voltage U₀/U
(Um)
0,6/1 kV



Minimum
installation
temperature
-10 °C



Maximum operating
temperature
90 °C



Bending factor
when laying
8 (xD)



U.V resistance
Yes



Halogen free
Yes



Smoke density
IEC 61034

CHARACTERISTICS

Construction characteristics

Conductor material	Copper
Conductor shape	Round, stranded
With Green/Yellow core	Yes
Insulation	XLPE (Cross-linked Polyethylene)
Outer sheath	HFFR (polyolefin)
Colour	Grey
Conductor flexibility	Class 2

Dimensional characteristics

Nominal outer diameter	17.0 mm
Number of cores	5
Conductor cross-section	6 mm ²
Conductor diameter	3.0 mm
Approximate weight	48.0 kg/100m
Average insulation thickness	0.7 mm
Average sheath thickness	1.8 mm

Electrical characteristics

Max. DC resistance of the conductor at 20°C	3.08 Ohm/km
Rated Voltage U ₀ /U (U _m)	0,6/1 kV

Usage characteristics

Minimum installation temperature	-10 °C
Maximum operating temperature	90 °C
Short-circuit max. conductor temperature	250 °C
Length	500 m
Bending factor when laying	8 (xD)
Packaging	K8
U.V resistance	Yes

Fire safety characteristics

Halogen free	Yes
Smoke density	IEC 61034

ENVIRONMENTAL DATA

Global Carbon Footprint

Amount of CO ₂ emitted Cradle to Gate phase (raw material collection and manufacturing), for the production of 1 km of cable.	1.09 t eq. CO₂
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Manufacturing site

Manufactured in Sweden	Grimsås
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Environmental information coming from Nexans' Product Environmental Profile (PEP Ecopassport®)

SELLING AND DELIVERY INFORMATION

DK-FXQ Easy™ 1 kV will be delivered in lengths of 500 m. The packaging is marked with manufacturer, type of cable and length.