



FXQJ 0,6/1kV



-20°C min



90°C max



Flame-retardant



Halogen-free



LSHF

FXQJ 0.6/1 kV is a halogen-free, flame-retardant power cable with optional EMC shielding, providing effective protection against electromagnetic interference. It is designed for fixed open installation both indoors and outdoors and is suitable for laying in soil, air, water, as well as in conduits and ducts.

The cable is available with 3 or 4 sector-shaped copper conductors ranging from 10 mm² to 300 mm², ensuring high current-carrying capacity and efficient space utilization. The screen, made of annealed copper wires in a counter-spiral formation, delivers robust shielding and enhanced operational reliability.

FXQJ EMC 0.6/1 kV is an ideal choice for professional installations where safety and fire performance is essential.

APPLICATION

FXQJ is a halogen-free and flame-retardant 0.6/1 kV cable intended for open fixed installation indoors and outdoors, in ground, air, and water, as well as in conduits.

The conductors are made of annealed copper: round conductors in sizes 10–35 mm² and sector-shaped conductors from 50–240 mm². The cable is equipped with a screen of annealed copper wires with a counter-wound copper tape. Available with EMC.

STANDARDS

Construction

HD 603 part 5-AB
SS 424 14 18

Marking

SS 424 17 20

Conductor

IEC 60228 Class 2

APPROVAL



PROPERTIES

CPR class

Dca-s2,d2,a2

Max temperature

90 °C

Min. temperature

-20 °C

AC Voltage rating U₀/U (U_m)

0,6/1,0 (1,2)kV

AC Voltage rating U₀/U

0,6/1kV



Name	Article number	E-Number	AC voltage rating	Construction	Insulation thickness [mm]	Outer sheath thickness [mm]	Total weight [kg/km]	Outer diameter [mm]	Std. Length [m]	Packaging
FXQJ 3x95/50-S	0018390	0018390	0,6/1,0 (1,2)kV	Sector, class 2	1.1	2.2	3520	30.1	Cut length	Inquiry
FXQJ 3x95/50-S	0018395	0018395	0,6/1,0 (1,2)kV	Sector, class 2	1.1	2.2	3520	30.1	500	K14
FXQJ 4x16/16-R	0018410	0018410	0,6/1,0 (1,2)kV	Round, class 2	0.7	1.8	1070	21.9	Cut length	Inquiry
FXQJ 4x16/16-R	5	15	0,6/1,0 (1,2)kV	Round, class 2	0.7	1.8	1070	21.9	500	K12
FXQJ 4x25/16-R	0018420	0018420	0,6/1,0 (1,2)kV	Round, class 2	0.9	1.8	1530	23.2	Cut length	Inquiry
FXQJ 4x25/16-R	0018425	0018425	0,6/1,0 (1,2)kV	Round, class 2	0.9	1.8	1530	23.2	500	K12
FXQJ 4x35/16-R			0,6/1,0 (1,2)kV	Round, class 2	0.9	1.8	1940	25.5	Cut length	Inquiry
FXQJ 4x35/16-R	0018435	0018435	0,6/1,0 (1,2)kV	Round, class 2	0.9	1.8	1940	25.5	500	K12
FXQJ 4x50/25-S	0018440	0018440	0,6/1,0 (1,2)kV	Sector, class 2	1	1.9	2360	28.7	Cut length	Inquiry
FXQJ 4x50/25-S	0018445	0018445	0,6/1,0 (1,2)kV	Sector, class 2	1	1.9	2360	28.7	500	K14
FXQJ 4x70/35-S	0018450	0018450	0,6/1,0 (1,2)kV	Sector, class 2	1.1	2	3310	32.3	Cut length	Inquiry
FXQJ 4x70/35-S	0018455	0018455	0,6/1,0 (1,2)kV	Sector, class 2	1.1	2	3310	32.3	500	K14
FXQJ 3x16/16-R	0018340	0018340	0,6/1,0 (1,2)kV	Round, class 2	0.7	1.8	900	19.3	Cut length	Inquiry
FXQJ 3x16/16-R	0018345	0018345	0,6/1,0 (1,2)kV	Round, class 2	0.7	1.8	900	19.3	500	K10
FXQJ 3x25/16-R	0018350	0018350	0,6/1,0 (1,2)kV	Round, class 2	0.9	1.8	1260	20.9	Cut length	Inquiry
FXQJ 3x25/16-R	5	55	0,6/1,0 (1,2)kV	Round, class 2	0.9	1.8	1260	20.9	500	K12
FXQJ 3x35/16-R	0018360	0018360	0,6/1,0 (1,2)kV	Round, class 2	0.9	1.8	1590	22.7	Cut length	Inquiry
FXQJ 3x35/16-R	0018365	0018365	0,6/1,0 (1,2)kV	Round, class 2	0.9	1.8	1590	22.7	500	K12
FXQJ 3x50/25-S	0018370	0018370	0,6/1,0 (1,2)kV	Sector, class 2	1	1.9	1860	26.4	Cut length	Inquiry

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FXQJ 3x50/25-S	0018375	0018375	0,6/1,0 (1,2)kV	Sector, class 2	1	1.9	1860	26.4	500	K12
FXQJ 3x70/35-S	0018380	0018380	0,6/1,0 (1,2)kV	Sector, class 2	1.1	2	2607	28.2	Cut length	Inquiry
FXQJ 3x70/35-S	0018385	0018385	0,6/1,0 (1,2)kV	Sector, class 2	1.1	2	2607	28.2	500	K14
FXQJ 4x95/50-S	0018460	0018460	0,6/1,0 (1,2)kV	Sector, class 2	1.1	2.2	4469	34.1	Cut length	Inquiry
FXQJ 4x95/50-S	5	65	0,6/1,0 (1,2)kV	Sector, class 2	1.1	2.2	4469	34.1	500	K16

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