



FXQJ-EMC 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 excellent protection against electromagnetic interference. It is designed for fixed open installation both indoors and outdoors and is suitable for laying in soil, air, water, and conduits.

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 solution for professional installations where safety, fire performance, and EMC properties are critical.

APPLICATION

FXQJ EMC 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 screened with annealed copper wires and a fully covering copper tape. Available without EMC.

STANDARDS

Construction

HD 603 part 5-AB
SS 424 14 18

Marking

SS 424 17 20

Conductor

IEC 60228 Class 2

APPROVAL



CONSTRUCTION

Color

Black

Conductor

Sector shaped Copper class 2

PROPERTIES

CPR class

Dca-s2,d2,a2

Max temperature

90 °C

Min. temperature

-20 °C

AC Voltage rating U_0/U (U_m)

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

AC Voltage rating U_0/U

0,6/1kV



Name	Article number	E-Number	Construction	CPR class	Cross section [mm²]	Insulation thickness [mm]	Number of cores [pcs]	Outer diameter [mm]	Total weight [kg/km]	Packaging
FXQJ-EMC 3x35/16 R			Round, class 2	Dca		0.9	3	22.7	1590	Inquiry
FXQJ-EMC 3x35/16 R	0043045	0043045	Round, class 2	Dca		0.9	3	22.7	1590	K12
FXQJ-EMC 3x16/16 R			Round, class 2	Dca	16	0.7	3	19.3	900	Inquiry
FXQJ-EMC 3x16/16 R	0043025	0043025	Round, class 2	Dca	16	0.7	3	19.3	900	K10
FXQJ-EMC 4x16/16 R			Round, class 2	Dca	16	0.7	4	21.9	1070	Inquiry
FXQJ-EMC 4x16/16 R		35	Round, class 2	Dca	16	0.7	4	21.9	1070	K12
FXQJ-EMC 3x25/16 R			Round, class 2	Dca	25	0.9	3	20.9	1260	Inquiry
FXQJ-EMC 3x25/16 R		35	Round, class 2	Dca	25	0.9	3	20.9	1260	K12
FXQJ-EMC 4x25/16 R			Round, class 2	Dca	25	0.9	4	23.2	1530	Inquiry
FXQJ-EMC 4x25/16 R	0043145	0043145	Round, class 2	Dca	25	0.9	4	23.2	1530	K12
FXQJ-EMC 4x35/16 R			Round, class 2	Dca	35	0.9	4	25.5	1940	Inquiry
FXQJ-EMC 4x35/16 R	0043155	0043155	Round, class 2	Dca	35	0.9	4	25.5	1940	K12
FXQJ-EMC 3x50/25 S			Sector, class 2	Dca	50	1	3	26.4	1860	Inquiry
FXQJ-EMC 3x50/25 S	0043055	0043055	Sector, class 2	Dca	50	1	3	26.4	1860	K12
FXQJ-EMC 4x50/25 S			Sector, class 2	Dca	50	1	4	28.7	2360	Inquiry
FXQJ-EMC 4x50/25 S	0043165	0043165	Sector, class 2	Dca	50	1	4	28.7	2360	K14
FXQJ-EMC 3x70/35 S			Sector, class 2	Dca	70	1.1	3	28.2	2610	Inquiry
FXQJ-EMC 3x70/35 S	0043065	0043065	Sector, class 2	Dca	70	1.1	3	28.2	2610	K14
FXQJ-EMC 4x70/35 S			Sector, class 2	Dca	70	1.1	4	32.3	3310	Inquiry

This document is automatically generated and is to be used as a guide only. May contain theoretical data. Images are for illustrative purposes only. No liability is accepted following the use of this data. Changes may be made without prior notice. It is the responsibility of the end user to determine suitability for any given application. E&OE. Copyright ©2026 Amokabel. All Rights Reserved.



Name	Article number	E-Number	Construction	CPR class	Cross section [mm²]	Insulation thickness [mm]	Number of cores [pcs]	Outer diameter [mm]	Total weight [kg/km]	Packaging
FXQJ-EMC 4x70/35 S	0043175	0043175	Sector, class 2	Dca	70	1.1	4	32.3	3310	K14
FXQJ-EMC 3x95/50 S			Sector, class 2	Dca	95	1.1	3	30.1	3520	Inquiry
FXQJ-EMC 3x95/50 S	0043075	0043075	Sector, class 2	Dca	95	1.1	3	30.1	3520	K14
FXQJ-EMC 4x95/50 S			Sector, class 2	Dca	95	1.1	4	34.1	4467	Inquiry
FXQJ-EMC 4x95/50 S	0043185	0043185	Sector, class 2	Dca	95	1.1	4	34.1	4467	K16
FXQJ-EMC 3x120/70 S			Sector, class 2	Dca	120	1.2	3	33.5	4480	Inquiry
FXQJ-EMC 3x120/70 S	0043085	0043085	Sector, class 2	Dca	120	1.2	3	33.5	4480	K16
FXQJ-EMC 4x120/70 S			Sector, class 2	Dca	120	1.2	4	40.1	5690	Inquiry
FXQJ-EMC 4x120/70 S	0043195	0043195	Sector, class 2	Dca	120	1.2	4	40.1	5690	K18
FXQJ-EMC 3x150/70 S			Sector, class 2	Dca	150	1.4	3	40.5	5380	Inquiry
FXQJ-EMC 3x150/70 S	0043095	0043095	Sector, class 2	Dca	150	1.4	3	40.5	5380	K20
FXQJ-EMC 4x150/70 S			Sector, class 2	Dca	150	1.4	4	41.8	6850	Inquiry
FXQJ-EMC 4x150/70 S	0043205	0043205	Sector, class 2	Dca	150	1.4	4	41.8	6850	K20
FXQJ-EMC 3x185/95 S			Sector, class 2	Dca	185	1.6	3	45	6800	Inquiry
FXQJ-EMC 3x185/95 S	0043105	0043105	Sector, class 2	Dca	185	1.6	3	45	6800	K20
FXQJ-EMC 4x185/95 S			Sector, class 2	Dca	185	1.6	4	49.9	8650	Inquiry
FXQJ-EMC 4x185/95 S	0043215	0043215	Sector, class 2	Dca	185	1.6	4	49.9	8650	K22
FXQJ-EMC 3x240/120 S			Sector, class 2	Dca	240	1.7	3	51.1	8640	Inquiry
FXQJ-EMC 3x240/120 S	0043115	0043115	Sector, class 2	Dca	240	1.7	3	51.1	8640	K22

This document is automatically generated and is to be used as a guide only. May contain theoretical data. Images are for illustrative purposes only. No liability is accepted following the use of this data. Changes may be made without prior notice. It is the responsibility of the end user to determine suitability for any given application. E&OE. Copyright ©2026 Amokabel. All Rights Reserved.



Name	Article number	E-Number	Construction	CPR class	Cross section [mm²]	Insulation thickness [mm]	Number of cores [pcs]	Outer diameter [mm]	Total weight [kg/km]	Packaging
FXQJ-EMC 4x240/120 S			Sector, class 2	Dca	240	1.7	4	55.1	11000	Inquiry
FXQJ-EMC 4x240/120 S		25	Sector, class 2	Dca	240	1.7	4	55.1	11000	K24

This document is automatically generated and is to be used as a guide only. May contain theoretical data. Images are for illustrative purposes only. No liability is accepted following the use of this data. Changes may be made without prior notice. It is the responsibility of the end user to determine suitability for any given application. E&OE. Copyright ©2026 Amokabel. All Rights Reserved.