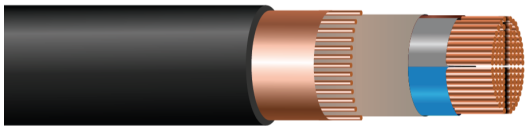
XCMK-HF, FXQJ, EXQJ, IFSI Cable - 1.5mm² to 300mm²



Description

XCMK-HF, FXQJ, EXQJ, IFSI is a copper power distribution cable designed for permanent installation in public buildings such as hospitals, schools, airports and shopping malls and large industrial plants throughout the Nordic and European markets. They are specifically designed for environments where fire safety and electromagnetic compatibility are priorities. This cable is halogen-free, flame-retardant and classified under CPR as Dca-s1,d2,a1. XCMK-HF cable may be laid indoor or outdoor, for fixed installations. Direct burial in soil is allowed, as long as the relevant national guidance on installation is followed.

XCMK-HF: A standard flame-retardant power cable for the Finnish market, often used as a halogen-free equivalent to MCMK cables.
FXQJ & EXQJ: Heavily used in Sweden and Norway for industrial distribution. The "J" typically indicates the presence of a concentric copper screen that can act as a protective earth or neutral conductor.
IFSI: Often used in industrial facilities where Electromagnetic Interference (EMI) is a concern. The construction includes a screen that protects sensitive electronic equipment from electrical noise.

Key Features

Voltage Rating
600/1000 Volts

Minimum Bending Radius
12 x Overall Diameter

Flame Retardancy
BS EN/IEC 60332-3-23

Temperature Limits
Temperature Range: -15°C to +90°C

Core Colours

2 core: Blue, Brown

3 core: Brown, Black, Grey

4 core: Blue, Brown, Black, Grey

Outer Sheath: Black

Standards

- IEC 60502-1
- HD 604-S1-5I
- SFS 5546
- SS 424 14 18

Construction

- **Conductor**: Up to 6mm^2, Class 1 solid copper conductor | Above 10mm^2 , Class 2 stranded copper conductor
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Bedding**: Extruded elastomere or plastomere compound or plastic tape
- **Concentric Conductor**: Copper wires with helical equalising copper tape
- **Outer Sheath**: Halogen Free Fire Retardant (HFFR)

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory
UKAS TESTING 31196

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

CLEVELAND CABLE COMPANY

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

XCMK-HF, FXQJ, EXQJ, IFSI Cable - 1.5mm² to 300mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
XCMKHF1KV2X1/5X1/5	1.5	2	9.5	139
XCMKHF1KV3X1/5X1/5	1.5	3	9.9	158
XCMKHF1KV4X1/5X1/5	1.5	4	10.8	183
XCMKHF1KV2X2/5X2/5	2.5	2	10.2	185
XCMKHF1KV3X2/5X2/5	2.5	3	10.8	214
XCMKHF1KV4X21/5X2/5	2.5	4	11.8	250
XCMKHF1KV2X4X4	4	2	11.3	251
XCMKHF1KV3X4X4	4	3	11.9	295
XCMKHF1KV4X4X4	4	4	13.0	348
XCMKHF1KV2X6X6	6	2	12.5	335
XCMKHF1KV2X6X2/5	6	2	12.4	300
XCMKHF1KV3X6X6	6	3	13.2	397
XCMKHF1KV4X6X6	6	4	14.5	472
XCMKHF1KV2X10X10	10	2	14.4	496
XCMKHF1KV2X10X16	10	2	15.9	553
XCMKHF1KV2X10X2/5	10	2	14.1	421
XCMKHF1KV3X10X10	10	3	21	675
XCMKHF1KV4X10X10	10	4	17	715
XCMKHF1KV2X16X16	16	2	16.7	727
XCMKHF1KV2X16X2/5	16	2	16.0	591
XCMKHF1KV3X16X16	16	3	24	980
XCMKHF1KV4X16X16	16	4	18	1062
XCMKHF1KV2X25X16	25	2	20	1013
XCMKHF1KV2X25X2/5	25	2	19.2	876
XCMKHF1KV3X25X16	25	3	26	1330
XCMKHF1KV4X25X16	25	4	28	1580
XCMKHF1KV2X35X16	35	2	22.5	1298
XCMKHF1KV3X35X16	35	3	28	1370
XCMKHF1KV4X35X16	35	4	30	1720
XCMKHF1KV3X50X25	50	3	29	1850
XCMKHF1KV4X50X25	50	4	31	2350
XCMKHF1KV3X70X35	70	3	33	2550
XCMKHF1KV4X70X35	70	4	35	3220
XCMKHF1KV3X95X50	95	3	37	3460
XCMKHF1KV4X95X50	95	4	39	4370
XCMKHF1KV3X120X120	120	3	39	4390
XCMKHF1KV4X120X70	120	4	43	5500
XCMKHF1KV3X150X70	150	3	43	5150

Reference	Conductor Size (mm2)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
XCMKHF1KV4X150X70	150	4	47	6640
XCMKHF1KV3X185X95	185	3	48	6610
XCMKHF1KV4X185X95	185	4	54	8450
XCMKHF1KV3X240X120	240	3	54	8480
XCMKHF1KV4X240X120	240	4	60	10950
XCMKHF1KV3X300X1520	300	3	59	11175
XCMKHF1KV4X300X150	300	4	65	14314

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