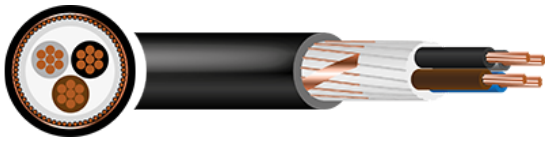
MCMK PVC Power Cable 1.5mm² to 240mm²



Description

European Standard PVC insulated and sheathed power cable. For the supply of electrical energy. Specially for installations in the open air, underground and water, indoors, and in cable ducts. Not for installations subject to severe electrical interference.

Key Features

Voltage Rating
600/1000 Volts

Flame Retardancy
BS EN 60332-1-2

Temperature Limits
Fixed: -15°C to +70°C

Core Colours

2 Core:	Brown	Blue		
3 Core:	Brown	Black	Grey	
4 Core:	Brown	Black	Grey	Blue

Standards

- HD 603-3L
- HD 603-3F
- HD 308 S2
- BS EN/IEC 60502-1
- BS EN/IEC 60228

Construction

- **Conductor**: Class 1 Solid copper conductor to 6mm^2, Class 2 Stranded copper conductor from 10mm^2
- **Insulation**: Polyvinyl Chloride (PVC)
- **Screen**: Copper Wires & Helical Equalising Copper Tape
- **Sheath**: UV Resistant Polyvinyl Chloride (PVC)

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
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.

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

MCMK PVC Power Cable 1.5mm² to 240mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)
MCMK2X1/5	1.5	2	Solid	13	190
MCMK3X1/5	1.5	3	Solid	13	170
MCMK4X1/5	1.5	4	Solid	13	190
MCMK2X2/7	2.5	2	Solid	14	250
MCMK2X2/6	2.5	2	Solid	13	210
MCMK2X2/5	2.5	2	Solid	14	230
MCMK2X6	6	2	Solid	18	400
MCMK3X6	6	3	Solid	17	390
MCMK4X6	6	4	Solid	19	480
MCMK2X10	10	2	7/1.35	21	580
MCMK3X10	10	3	7/1.35	21	590
MCMK4X10	10	4	7/1.35	22	720
MCMK3X16	16	3	7/1.70	23	850
MCMK4X16	16	4	7/1.70	25	1050
MCMK3X25	25	3	7/2.14	28	1170
MCMK4X25	25	4	7/2.14	30	1460
MCMK3X35	35	3	7/2.52	27	1420
MCMK4X35	35	4	7/2.52	29	1800
MCMK3X50	50	3	19/1.78	30	1950
MCMK4X50	50	4	19/1.78	33	2500
MCMK3X70	70	3	19/2.14	33	2640
MCMK4X70	70	4	19/2.14	36	3360
MCMK3X95	95	3	19/2.52	37	362
MCMK4X95	95	4	19/2.52	41	4600
MCMK3X120	120	3	37/2.03	41	4530
MCMK4X120	120	4	37/2.03	44	5730
MCMK3X150	150	3	37/2.25	44	5430
MCMK4X150	150	4	37/2.25	48	6930
MCMK3X185	185	3	37/2.52	50	6880
MCMK4X185	185	4	37/2.52	56	8800
MCMK3X240	240	3	61/2.25	56	8940
MCMK4X240	240	4	61/2.25	62	11460

MCMK PVC POWER CABLE – ELECTRICAL CHARACTERISTICS

CONDUCTOR SIZE	REDUCED CONDUCTOR SIZE	MAXIMUM CONDUCTOR DC RESISTANCE AT AT 20°C	CURRENT CARRYING CAPACITY	
			IN GROUND	IN AIR
MM^2	MM^2	Ω/KM	AMPS	AMPS
1.5	1.5	12.1	26	14
2.5	2.5	7.41	35	20
6	6	3.08	57	33
10	10	1.83	77	62
16	16	1.15	100	82
25	16	0.727	130	107
35	16	0.524	160	135
50	25	0.387	190	160
70	35	0.268	240	200
95	50	0.193	285	245
120	70	0.153	325	280
150	70	0.124	370	320
185	95	0.0991	420	365
240	120	0.0754	480	425

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.