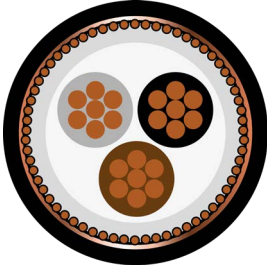




MCMK PVC POWER CABLE



APPLICATION

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.

CONSTRUCTION

Conductor:	Class 1 Solid Copper Conductor to 6mm ² Class 2 Stranded Copper Conductor from 10mm ²
Insulation:	Polyvinyl Chloride (PVC)
Filler:	Plastic Tape (PT)
Screen:	Copper Wire and Helical Copper Tape
Sheath:	UV Resistant Polyvinyl Chloride (PVC)

CABLE STANDARDS

EN/IEC 60228
EN/IEC 60502-1
SFS 4880
HD 603-3F
HD 603-3L
HD 308 S2:2001
Flame retardant according to EN/IEC 60332-1-2

CHARACTERISTICS

Voltage Rating:	600/1000 Volts
Temperature Limits:	Fixed: -15°C to +70°C
Minimum Bending Radius:	As per cable manufacturer datasheet

CORE IDENTIFICATION

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

SHOULD NOT BE INSTALLED AT TEMPERATURES BELOW 0°C OR ABOVE +60°



MCMK PVC POWER CABLE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM ²)	REDUCED CONDUCTOR SIZE	NO. OF CORES	STRANDING	OVERALL DIAMETER (MM)	WEIGHT (KG/KM)
MCMK2X1/5	1.5	1.5	2	SOLID	13	190
MCMK3X1/5	1.5	1.5	3	SOLID	13	170
MCMK4X1/5	1.5	1.5	4	SOLID	13	190
MCMK2X2/5	2.5	2.5	2	SOLID	14	230
MCMK2X2/6	2.5	2.5	3	SOLID	13	210
MCMK2X2/7	2.5	2.5	4	SOLID	14	250
MCMK2X6	6	6	2	SOLID	18	400
MCMK3X6	6	6	3	SOLID	17	390
MCMK4X6	6	6	4	SOLID	19	480
MCMK2X10	10	10	2	7/1.35	21	580
MCMK3X10	10	10	3	7/1.35	21	590
MCMK4X10	10	10	4	7/1.35	22	720
MCMK3X16	16	16	3	7/1.70	23	850
MCMK4X16	16	16	4	7/1.70	25	1050
MCMK3X25	25	16	3	7/2.14	28	1170
MCMK4X25	25	16	4	7/2.14	30	1460
MCMK3X35	35	16	3	7/2.52	27	1420
MCMK4X35	35	16	4	7/2.52	29	1800
MCMK3X50	50	25	3	19/1.78	30	1950
MCMK4X50	50	25	4	19/1.78	33	2500
MCMK3X70	70	35	3	19/2.14	33	2640
MCMK4X70	70	35	4	19/2.14	36	3360
MCMK3X95	95	50	3	19/2.52	37	3620
MCMK4X95	95	50	4	19/2.52	41	4600
MCMK3X120	120	70	3	37/2.03	41	4530
MCMK4X120	120	70	4	37/2.03	44	5730
MCMK3X150	150	70	3	37/2.25	44	5430
MCMK4X150	150	70	4	37/2.25	48	6930
MCMK3X185	185	95	3	37/2.52	50	6880
MCMK4X185	185	95	4	37/2.52	56	8800
MCMK3X240	240	120	3	61/2.25	56	8940
MCMK4X240	240	120	4	61/2.25	62	11460

MCMK PVC POWER CABLE - ELECTRICAL CHARACTERISTICS

CONDUCTOR CROSS SECTIONAL AREA (MM ²)	REDUCED CONDUCTOR CROSS SECTIONAL AREA (MM ²)	MAXIMUM CONDUCTOR DC RESISTANCE AT AT 20°C OHM/KM	CURRENT CARRYING CAPACITY IN GROUND (A)	CURRENT CARRYING CAPACITY IN AIR (A)
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 ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS.

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.

Cleveland Cable Company - Datasheet | 2

For more information contact:
01642 241 133