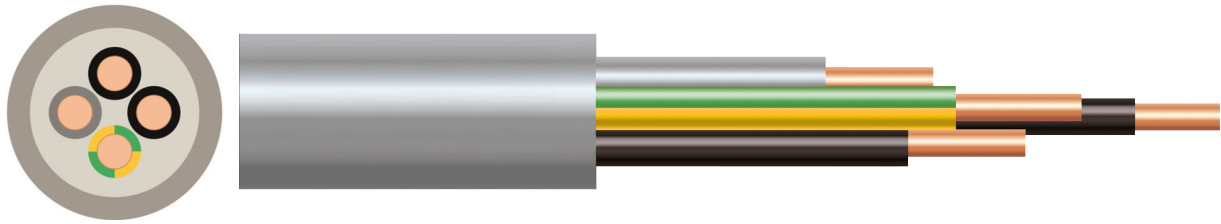



## YMKV KEMA APPROVED PVC POWER CABLE



Our YMKV range meets stringent industry standards for the Dutch market, including NEN1010 and KEMA certification. Featuring flame-retardant PVC sheathing and XLPE insulation for temperatures up to +90°C, our cables ensure safety and reliability in fixed installations, conduits, trays, or ducts. Ideal for low-voltage applications in commercial buildings or private homes, our cables offer durability and easy installation in areas not requiring mechanical protection.

<b>CONDUCTOR</b>	Plain Copper
<b>INSULATION</b>	XLPE
<b>OUTERSHEATH</b>	PVC
<b>OUTERSHEATH COLOUR</b>	Grey
<b>RATED VOLTAGE</b>	0.6/1kV
<b>CORE IDENTIFICATION</b>	2 core: Brown and Blue 3 core: Brown, Blue and Green / Yellow 4 core: Black, Grey, Brown and Green / Yellow 5 core: Black, Blue, Brown, Grey and Green / Yellow Optional: 4 core - Black, Brown, Blue and Green / Yellow)
<b>MINIMUM BENDING RADIUS</b>	10 x overall diameter
<b>OPERATING TEMPERATURE</b>	Maximum 90°C, minimum bending 0°C / Short circuit temperature 250°C
<b>STANDARDS</b>	HD 604 Part 4 Section D
<b>APPROVALS</b>	

# SPECIFICATION DATA

BATT Part No	No. of Cores	Nominal cross sectional area of conductor (mm <sup>2</sup> )	Radial thickness of insulation (mm)	Nominal thickness of overshath (mm)	Approx overall diameter (mm)	Weight
16592	2	1.5	0.70	1.4	9.3	121
16698	2	2.5	0.70	1.4	10.1	151
16699	3	1.5	0.70	1.4	9.4	130
16700	3	2.5	0.70	1.4	10.3	170
16487	3	4	0.70	1.4	11.2	227
16884	3	6	0.70	1.4	12.6	306
16917	3	10	0.70	1.4	14.6	461
16918	3	16	0.70	1.5	17.6	685
16701	4	1.5	0.70	1.4	10.2	157
16147	4	2.5	0.70	1.4	11.1	205
16703	4	4	0.70	1.4	12.2	280
16704	4	6	0.70	1.4	13.7	380
16705	4	10	0.70	1.5	15.8	573
16787	4	16	0.70	1.5	19.1	855
16907	4	35	0.90	1.8	26.1	1756
16909	4	50	1.00	1.9	29.9	2348
16024	4	120	1.20	2.3	44.2	5618
16706	5	1.5	0.70	1.4	11.5	199
16271	5	2.5	0.70	1.4	12.6	262
16707	5	4	0.70	1.4	13.8	357
16272	5	6	0.70	1.4	15.1	468
16932	5	10	0.70	1.5	18.4	744
16941	5	16	0.70	1.6	21.4	1075
16970	7	1.5	0.70	1.8	12.5	
16971	7	2.5	0.70	1.8	13.7	
16973	12	1.5	0.70	1.8	15.8	
16974	12	2.5	0.70	1.8	17.5	
16978	24	1.5	0.70	1.8	24.6	
16979	30	1.5	0.70	1.8	22.1	

## ELECTRICAL CHARACTERISTICS

Nominal cross sectional area (mm <sup>2</sup> )	Current carrying capacity (In Ground)	Current carrying capacity (In Air)	Max conductor DC resistance at 20°C (ohm/km)
1.5	30	24	12.1
2.5	24	32	7.41
4	52	42	4.61
6	64	53	3.08
10	86	73	1.83
16	11	93	1.15
35	173	160	0.524
50	205	195	0.387
120	390	407	0.124

