


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.

CONDUCTOR	Plain Copper
INSULATION	XLPE
OUTERSHEATH	PVC
OUTERSHEATH COLOUR	Grey
RATED VOLTAGE	0.6/1kV
CORE IDENTIFICATION	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)
MINIMUM BENDING RADIUS	10 x overall diameter
OPERATING TEMPERATURE	Maximum 90°C, minimum bending 0°C / Short circuit temperature 250°C
STANDARDS	HD 604 Part 4 Section D
APPROVALS	

SPECIFICATION DATA

BATT Part No	No. of Cores	Nominal cross sectional area of conductor (mm ²)	Radial thickness of insulation (mm)	Nominal thickness of overshooth (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 ²)	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

