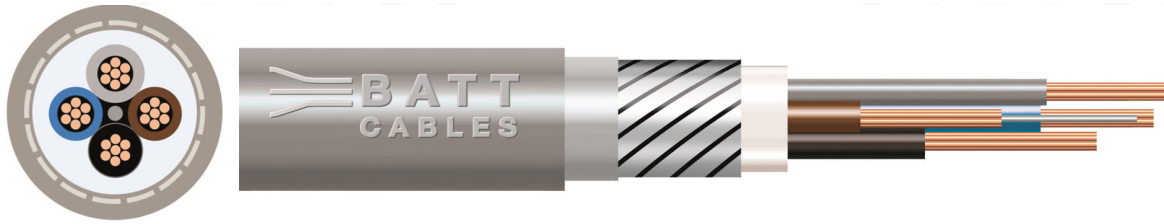



## VG-YMVKAS KEMA APPROVED PVC POWER CABLE



Our VG-YMvKas range meets stringent industry standards for the Dutch market, including NEN1010 and KEMA certification. Featuring a degree of mechanical protection, with flat steel wires and copper wires covered in an open steel tape, flame-retardant PVC sheathing and XLPE insulation for temperatures up to +90°C, our cables ensure safety and reliability. Suitable for Underground laying and where mechanical protection is required.

<b>CONDUCTOR</b>	Plain Copper
<b>STRANDING</b>	Class 2
<b>INSULATION</b>	XLPE
<b>BEDDING</b>	PVC
<b>ARMOUR</b>	Steel Wire Armour
<b>OUTERSHEATH</b>	PVC
<b>OUTERSHEATH COLOUR</b>	Grey
<b>CORE IDENTIFICATION</b>	2 core: Blue and Brown 3 core: Black, Brown and Grey 4 core: Black, Brown, Grey and Blue 5 core: Black, Brown, Grey, Blue and Black Optional: 3 core: Black, Brown & Blue
<b>MINIMUM BENDING RADIUS</b>	15 x overall diameter
<b>OPERATING TEMPERATURE</b>	Maximum 90°C Minimum bending 0°C / Service temperature: -20 to +90°C / Min laying temperature: -5°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> )	Nominal thickness of insulation (mm)	Nominal thickness of oversheath (mm)	Approx overall diameter (mm)	Weight (kg/km)
55396	2	10	0.70	1.80	19.2	888
55474	2	16	0.70	1.80	21.2	1221
55456	3	10	0.70	1.80	20.0	1045
55457	3	16	0.70	1.80	22.0	1352
55448	3	25	0.90	1.80	25.6	1805
55483	3	35	0.90	1.80	27.4	2087
55477	3	50	1.0	1.8	28.3	2277
55524	3	70	1.1	2.0	31.9	3039
55479	3	95	1.1	2.1	35.3	3953
55480	3	150	1.4	2.4	42.9	5795
55073	4	10	0.70	1.80	21.9	1180
55458	4	16	0.70	1.80	23.9	1636
55409	4	25	0.90	1.80	27.7	2200
55475	4	35	0.90	1.80	30.1	2674
55219	4	50	1.00	1.90	34.4	3572
55476	4	70	1.10	2.10	40.5	4770
55481	4	95	1.10	2.20	43.6	6094
55482	4	120	1.20	2.40	49.1	7703
55494	4	150	1.40	2.50	53.1	9176
55550	4	185	1.60	2.70	59.0	11377
55523	4	240	1.70	2.90	66.9	14512
55459	5	10	0.70	1.8	24	1428

## ELECTRICAL CHARACTERISTICS

Nominal cross sectional area (mm <sup>2</sup> )	Maximum conductor DC resistance at 20°C (ohm/km)
10	1.83
16	1.15
25	0.727
35	0.524
50	0.387
70	0.268
95	0.193
120	0.153
150	0.124
185	0.0991
240	0.0754

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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