



## VV-K

### Application and Description

These cables are suitable for fixed installations with complex layouts where flexible cables are required. They are also used for connecting motors or frequency converters. The characteristics of the outer sheath material make this cable extremely versatile as it provides a high level of protection in all types of environments, outdoors, underground, in damp conditions or even submerged in water.

### Standard and Approval

UNE 21123, HD 308 S2, IEC 60502, IEC 60228, IEEE 383, UNE-EN 50265-2-1, NF C 32-321, CE approved, ROHS compliant

### Cable Construction

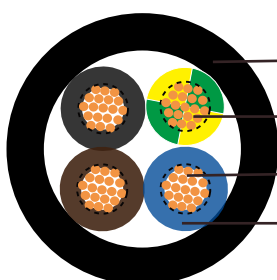
- Fine bare copper strands
- Strands to IEC 60228 class 5
- PVC/A core insulation to IEC 60502
- Color codes to HD-308
- High flexible special acrylic PVC compound ST1 outer jacket

### Technical Characteristics

- Working Voltage: 600/1000 volts
- Test voltage: 2000 volts
- Minimum bending radius: 5 x Ø
- Operation temperature range: -15 °C to +70 °C
- Short-circuit temperature: +160 °C
- Flame retardant: EN 50265-2-1
- Insulation resistance: 20 MΩ x km



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- High flexible acrylic PVC outer jacket
- Green/Yellow wire
- Fine bare copper conductor
- PVC insulation



### Cable Parameter

AWG	No. of Cores x Nominal Cross Sectional Area # x mm <sup>2</sup>	Nominal Overall Diameter mm	Nominal Weight kg/km
8(320/32)	1 x 10	8.8	151
6(512/32)	1 x 16	9.8	208
4(800/32)	1 x 25	11.5	305
2(1120/32)	1 x 35	12.7	401
1(1600/32)	1 x 50	14.6	557
2/0(2240/32)	1 x 70	16.3	749
3/0(3024/32)	1 x 95	18.6	970
4/0(614/24)	1 x 120	20.5	1221
300MCM(765/24)	1 x 150	22.7	1527
350MCM(944/24)	1 x 185	25.1	1847
500MCM(1225/24)	1 x 240	28.3	2416
16(30/30)	6 x 1.5	12.1	211
14(50/30)	6 x 2.5	14.1	300
16(30/30)	7 x 1.5	12.1	226
14(50/30)	7 x 2.5	14.1	324
12(56/28)	7 x 4.0	15.7	441
10(84/28)	7 x 6.0	17.4	588
16(30/30)	8 x 1.5	13.1	255
14(50/30)	8 x 2.5	15.1	364
16(30/30)	10 x 1.5	14.1	301
14(50/30)	10 x 2.5	16.5	437
16(30/30)	12 x 1.5	15.0	347
14(50/30)	12 x 2.5	18.0	511
16(30/30)	14 x 1.5	15.9	392
14(50/30)	14 x 2.5	19.1	580
16(30/30)	16 x 1.5	16.9	443
14(50/30)	16 x 2.5	20.1	656
16(30/30)	19 x 1.5	17.6	502
14(50/30)	19 x 2.5	21.1	747
16(30/30)	24 x 1.5	19.6	609
14(50/30)	24 x 2.5	23.4	907
16(30/30)	27 x 1.5	20.8	668
16(30/30)	30 x 1.5	21.5	721
16(30/30)	37 x 1.5	23.1	867
16(30/30)	44 x 1.5	25.4	1027
16(30/30)	52 x 1.5	27.3	1195
16(30/30)	61 x 1.5	29.1	1392