



## 60227 IEC 02(RV) / H07V-K

Single-core non-sheathed cable with flexible conductor for general purposes



### Info

- Rated voltage  $U_0/U$ : 450/750 V
- With CCC certification
- With <VDE> cable type certification

### Benefits

- With CCC certification issued by China Quality Certification Center
- With <VDE> cable type certification issued by the VDE testing and certification institute. Cable's <VDE> marking is a testing mark /proof of the successful testing according to VDE/EN/IEC standards as well as possible health and safety regulations

### Application range

- Internal wiring of devices and control cabinets
- Laying in tubes, exposed or buried in plaster and in closed installation ducts
- For direct laying on racks, troughs and tubes, only as potential equalisation conductor

### Product features

- Fixed installation temperature down to  $-40^{\circ}\text{C}$
- Flame retardant according to IEC 60332-1-2

### Norm references / Approvals

- CCC certificate according to GB/T 5023.3, IEC 60227-3
- <VDE> cable type certification according to EN 50525-2-31

### Product Make-up

- Fine-wired copper conductor of bare copper strands according to class 5 of VDE 0295, IEC 60228, GB/T 3956
- PVC insulation

### Technical data

- Conductor stranding**  
Fine wire according to VDE 0295 Class 5, IEC 60228 Class 5, GB/T 3956 Class 5
- Minimum bending radius**  
6 x outer diameter for fixed installation  
4 x outer diameter for cautions bending
- Nominal voltage**  
 $U_0/U$ : 450/750 V
- Test voltage**  
2500 V
- Temperature range**  
Fixed installation:  $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$
- Core identification code**  
Optional
- Protective conductor**  
Optional
- Classification**  
Optional

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
<b>60227 IEC 02(RV) / H07V-K</b>					
3911001	1 X 1.5	3.1	green-yellow	14.4	20
3911011	1 X 1.5	3.1	black	14.4	20
39110211	1 X 1.5	3.1	blue	14.4	20
3911031	1 X 1.5	3.1	brown	14.4	20
3911061	1 X 1.5	3.1	grey	14.4	20
3911002	1 X 2.5	3.7	green-yellow	24.0	40
3911012	1 X 2.5	3.7	black	24.0	40
39110221	1 X 2.5	3.7	blue	24.0	40
3911032	1 X 2.5	3.7	brown	24.0	40
3911062	1 X 2.5	3.7	grey	24.0	40
3911003	1 X 4	4.3	green-yellow	38.4	50
3911013	1 X 4	4.3	black	38.4	50
39110231	1 X 4	4.3	blue	38.4	50
3911033	1 X 4	4.3	brown	38.4	50
3911063	1 X 4	4.3	grey	38.4	50
3911004	1 X 6	4.8	green-yellow	54.6	70
3911014	1 X 6	4.8	black	54.6	70
39110241	1 X 6	4.8	blue	54.6	70
3911034	1 X 6	4.8	brown	54.6	70
3911064	1 X 6	4.8	grey	54.6	70
3911005	1 X 10	6.5	green-yellow	96.0	120
3911015	1 X 10	6.5	black	96.0	120
39110251	1 X 10	6.5	blue	96.0	120
3911035	1 X 10	6.5	brown	96.0	120
3911065	1 X 10	6.5	grey	96.0	120
3911006	1 X 16	7.7	green-yellow	153.6	190
3911016	1 X 16	7.7	black	153.6	190
39110261	1 X 16	7.7	blue	153.6	190
3911036	1 X 16	7.7	brown	153.6	190
3911066	1 X 16	7.7	grey	153.6	190
3912001	1 X 25	9.7	green-yellow	240.0	290
3912011	1 X 25	9.7	black	240.0	290
3912910	1 X 25	9.7	blue	240.0	290
3912031	1 X 25	9.7	brown	240.0	290
3912061	1 X 25	9.7	grey	240.0	290
3912002	1 X 35	10.9	green-yellow	336.0	400
3912012	1 X 35	10.9	black	336.0	400

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
3912912	1 X 35	10.9	blue	336.0	400
3912032	1 X 35	10.9	brown	336.0	400
3912062	1 X 35	10.9	grey	336.0	400
3912003	1 X 50	13.1	green-yellow	480.0	560
3912013	1 X 50	13.1	black	480.0	560
3912913	1 X 50	13.1	blue	480.0	560
3912033	1 X 50	13.1	brown	480.0	560
3912063	1 X 50	13.1	grey	480.0	560
3912004	1 X 70	14.9	green-yellow	672.0	770
3912014	1 X 70	14.9	black	672.0	770
3912915	1 X 70	14.9	blue	672.0	770
3912034	1 X 70	14.9	brown	672.0	770
3912064	1 X 70	14.9	grey	672.0	770
3912005	1 X 95	17.3	green-yellow	912.0	1,030
3912015	1 X 95	17.3	black	912.0	1,030
3912917	1 X 95	17.3	blue	912.0	1,030
3912035	1 X 95	17.3	brown	912.0	1,030
3912065	1 X 95	17.3	grey	912.0	1,030
3912006	1 X 120	19.2	green-yellow	1,152.0	1,290
3912016	1 X 120	19.2	black	1,152.0	1,290
3912918	1 X 120	19.2	blue	1,152.0	1,290
3912036	1 X 120	19.2	brown	1,152.0	1,290
3912066	1 X 120	19.2	grey	1,152.0	1,290
3912007	1 X 150	21.3	green-yellow	1,440.0	1,560
3912017	1 X 150	21.3	black	1,440.0	1,560
3912929	1 X 150	21.3	blue	1,440.0	1,560
3912037	1 X 150	21.3	brown	1,440.0	1,560
3912067	1 X 150	21.3	grey	1,440.0	1,560
3912008	1 X 185	23.7	green-yellow	1,776.0	1,920
3912018	1 X 185	23.7	black	1,776.0	1,920
3912922	1 X 185	23.7	blue	1,776.0	1,920
3912038	1 X 185	23.7	brown	1,776.0	1,920
3912068	1 X 185	23.7	grey	1,776.0	1,920
3912009	1 X 240	26.8	green-yellow	2,304.0	2,550
3912019	1 X 240	26.8	black	2,304.0	2,550
3912924	1 X 240	26.8	blue	2,304.0	2,550
3912039	1 X 240	26.8	brown	2,304.0	2,550
3912069	1 X 240	26.8	grey	2,304.0	2,550

• If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.  
 • Photographs are not to scale and do not represent detailed images of the respective products.