



## 60227 IEC 01(BV)

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

**Info**

- Rated voltage  $U_0/U$ : 450/750 V
- With CCC certification



### Benefits

- With CCC certification issued by China Quality Certification Center

### Application range

- Internal wiring of devices and control cabinets
- Laying in tubes, exposed or buried in plaster, and in closed installation ducts
- Factory wiring and Field wiring

### Product features

- Fixed installation temperature down to  $-30^{\circ}\text{C}$
- Flame retardant according to IEC 60332-1-2

### Norm references / Approvals

- CCC certificate according to GB/T 5023.3, IEC 60227-3

### Product Make-up

- Up to  $10\text{ mm}^2$ : Solid copper conductor according to IEC 60228 class 1, GB/T 3956 Class 1
- From  $16\text{ mm}^2$ : Multi copper wires stranded according to IEC 60228 Class 2, GB/T 3956 Class 2
- Special PVC insulation

### Technical data

- Conductor stranding**  
Up to  $10\text{ mm}^2$ : Solid copper conductor according to IEC 60228 class 1, GB/T 3956 Class 1  
From  $16\text{ mm}^2$ : Multi copper wires stranded according to IEC 60228 Class 2, GB/T 3956 Class 2
- Minimum bending radius**  
 $OD \leq 12\text{ mm}$ :  $6 \times$  outer diameter  
 $OD > 12\text{ mm}$ :  $8 \times$  outer diameter
- Nominal voltage**  
 $U_0/U$ : 450/750 V
- Test voltage**  
2500 V
- Temperature range**  
Fixed installation:  $-30^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$
- Core identification code**  
Optional
- Protective conductor**  
Optional
- Classification**  
Optional

Article number	Number of cores and $\text{mm}^2$ per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
<b>60227 IEC 01(BV) 450/750 V</b>					
39370004	1 X 1.5	2.9	green-yellow	20.0	14
39370104	1 X 1.5	2.9	black	20.0	14
39370204	1 X 1.5	2.9	blue	20.0	14
39370304	1 X 1.5	2.9	brown	20.0	14
39370604	1 X 1.5	2.9	grey	20.0	14
39370005	1 X 2.5	3.4	green-yellow	40.0	24
39370105	1 X 2.5	3.4	black	40.0	24
39370205	1 X 2.5	3.4	blue	40.0	24
39370305	1 X 2.5	3.4	brown	40.0	24
39370605	1 X 2.5	3.4	grey	40.0	24
39370006	1 X 4	4.1	green-yellow	50.0	38
39370106	1 X 4	4.1	black	50.0	38
39370206	1 X 4	4.1	blue	50.0	38
39370306	1 X 4	4.1	brown	50.0	38
39370606	1 X 4	4.1	grey	50.0	38
39370007	1 X 6	4.6	green-yellow	70.0	58
39370107	1 X 6	4.6	black	70.0	58
39370207	1 X 6	4.6	blue	70.0	58
39370307	1 X 6	4.6	brown	70.0	58
39370607	1 X 6	4.6	grey	70.0	58
39370008	1 X 10	6.2	green-yellow	120.0	96
39370108	1 X 10	6.2	black	120.0	96
39370208	1 X 10	6.2	blue	120.0	96
39370308	1 X 10	6.2	brown	120.0	96
39370608	1 X 10	6.2	grey	120.0	96
39370009	1 X 16	7.3	green-yellow	190.0	153
39370109	1 X 16	7.3	black	190.0	153
39370209	1 X 16	7.3	blue	190.0	153
39370309	1 X 16	7.3	brown	190.0	153
39370609	1 X 16	7.3	grey	190.0	153
39370010	1 X 25	9.3	green-yellow	290.0	240
39370110	1 X 25	9.3	black	290.0	240
39370210	1 X 25	9.3	blue	290.0	240
39370310	1 X 25	9.3	brown	290.0	240
39370610	1 X 25	9.3	grey	290.0	240
39370011	1 X 35	10.3	green-yellow	400.0	336
39370111	1 X 35	10.3	black	400.0	336

Article number	Number of cores and $\text{mm}^2$ per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
39370211	1 X 35	10.3	blue	400.0	336
39370311	1 X 35	10.3	brown	400.0	336
39370611	1 X 35	10.3	grey	400.0	336
39370012	1 X 50	12.2	green-yellow	560.0	480
39370112	1 X 50	12.2	black	560.0	480
39370212	1 X 50	12.2	blue	560.0	480
39370312	1 X 50	12.2	brown	560.0	480
39370612	1 X 50	12.2	grey	560.0	480
39370013	1 X 70	13.9	green-yellow	780.0	672
39370113	1 X 70	13.9	black	780.0	672
39370213	1 X 70	13.9	blue	780.0	672
39370313	1 X 70	13.9	brown	780.0	672
39370613	1 X 70	13.9	grey	780.0	672
39370014	1 X 95	16.3	green-yellow	1,030.0	912
39370114	1 X 95	16.3	black	1,030.0	912
39370214	1 X 95	16.3	blue	1,030.0	912
39370314	1 X 95	16.3	brown	1,030.0	912
39370614	1 X 95	16.3	grey	1,030.0	912
39370015	1 X 120	17.8	green-yellow	1,290.0	1,152
39370115	1 X 120	17.8	black	1,290.0	1,152
39370215	1 X 120	17.8	blue	1,290.0	1,152
39370315	1 X 120	17.8	brown	1,290.0	1,152
39370615	1 X 120	17.8	grey	1,290.0	1,152
39370016	1 X 150	19.8	green-yellow	1,560.0	1,440
39370116	1 X 150	19.8	black	1,560.0	1,440
39370216	1 X 150	19.8	blue	1,560.0	1,440
39370316	1 X 150	19.8	brown	1,560.0	1,440
39370616	1 X 150	19.8	grey	1,560.0	1,440
39370017	1 X 185	22.0	green-yellow	1,920.0	1,776
39370117	1 X 185	22.0	black	1,920.0	1,776
39370217	1 X 185	22.0	blue	1,920.0	1,776
39370317	1 X 185	22.0	brown	1,920.0	1,776
39370617	1 X 185	22.0	grey	1,920.0	1,776
39370018	1 X 240	25.1	green-yellow	2,550.0	2,304
39370118	1 X 240	25.1	black	2,550.0	2,304
39370218	1 X 240	25.1	blue	2,550.0	2,304
39370318	1 X 240	25.1	brown	2,550.0	2,304
39370618	1 X 240	25.1	grey	2,550.0	2,304

• Photographs are not to scale and do not represent detailed images of the respective products. • 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.

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