

Power and control cables

Harsh Environment



H05RR-F / 60245 IEC 53(YZ) / YZ

Rubber cable for light mechanical stress and handheld devices used in households, kitchens, offices



Info

- CCC and VDE dual certified

Application range

- Hand-held and power supply devices
- For dry and damp interiors, only temporary use outdoors; not for industrial/commercial or agricultural facilities; not suitable for supplying industrial power tools
- Light and sound applications
- Light duty rubber-sheath cable
- For light workshop devices with light stress

Product features

- Flame-retardant in acc. to IEC 60332-1-2

Norm references / Approvals

- <VDE> cable type certification in acc. to EN 50525-2-21
- CCC cable type certification in acc. to GB/T 5013.4 or JB/T 8735.2
- Complies with IEC 60245.4

Product Make-up

- Fine strands of bare copper wires
- Rubber type EI4 core insulation
- Rubber type EM3 outer sheath, black

Technical data

- Core identification code**
acc. to VDE 0293-308
- Conductor stranding**
Fine wire acc. to IEC 60228 Cl. 5
- Minimum bending radius**
6 x cable diameter
- Nominal voltage**
U₀/U: 300/500 V
- Test voltage**
2000 V
- Protective conductor**
G = with GN-YE protective conductor
X = without protective conductor
- Temperature range**
-25°C up to +60°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
H05RR-F / 60245 IEC 53(YZ), acc. to EN 50525-2-21 and GB/T 5013.4, VDE and CCC certified				
393808120	2 X 0.75	5.7 - 7.4	14.4	61
393808130	3 G 0.75	6.2 - 8.1	21.6	75
393808140	4 G 0.75	6.8 - 8.8	28.8	91
393808150	5 G 0.75	7.6 - 9.9	36.0	110
393808121	2 X 1.0	6.1 - 8.0	19.2	73
393808131	3 G 1.0	6.5 - 8.5	28.8	86
393808141	4 G 1.0	7.1 - 9.3	38.4	105
393808151	5 G 1.0	8.0 - 10.3	48.0	128
393808122	2 X 1.5	7.6 - 9.8	28.8	110
393808132	3 G 1.5	8.0 - 10.4	43.2	130
393808142	4 G 1.5	9.0 - 11.6	57.6	165
393808152	5 G 1.5	9.8 - 12.7	72.0	190
393808123	2 X 2.5	9.0 - 11.6	48.0	160
393808133	3 G 2.5	9.6 - 12.4	72.0	190
393808143	4 G 2.5	10.7 - 13.8	96.0	235
393808153	5 G 2.5	11.9 - 15.3	120.0	285
H05RR-F / YZ, acc. to EN 50525-2-21 and JB/T 8735.2, VDE and CCC certified				
393808124	2 X 4	10.6 - 13.7	76.8	227
393808134	3 G 4	11.3 - 14.5	115.2	273
YZ, acc. to JB/T 8735.2, CCC certified, w/o CE marking				
393808144	4 G 4	12.7 - 16.2	153.6	342
393808154	5 G 4	14.1 - 17.9	192.0	418
393808125	2 X 6	11.8 - 15.1	115.2	293
393808135	3 G 6	12.6 - 16.1	172.8	360
393808145	4 G 6	14.0 - 17.9	230.4	449
393808155	5 G 6	15.7 - 20.0	288.0	562

- 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.



H05RN-F / 60245 IEC 57(YZW)

Rubber cable for handheld devices and chains of decorative lights



Info

- CCC and VDE dual certified

Application range

- For supplying devices in households, kitchens or offices under light mechanical stress; handheld inspection lamps
- For dry and damp interiors, as well as for limited outdoor use
- Medium duty rubber-sheath cable
- For lightweight workshop tools subject to medium loads

Product features

- Flame-retardant in acc. to IEC 60332-1-2
- Oil-resistant according to EN 60811-404

Norm references / Approvals

- <VDE> cable type certification in acc. to EN 50525-2-21
- CCC cable type certification in acc. to GB/T 5013.4
- Complies with IEC 60245.4

Product Make-up

- Fine strands of bare copper wires
- Rubber type EI4 core insulation
- Rubber type EM2 outer sheath, black

Technical data

- Core identification code**
acc. to VDE 0293-308
- Conductor stranding**
Fine wire acc. to IEC 60228 / VDE 0295 Cl. 5
- Minimum bending radius**
6 x cable diameter
- Nominal voltage**
U₀/U: 300/500 V
- Test voltage**
2000 V
- Protective conductor**
G = with GN-YE protective conductor
X = without protective conductor
- Temperature range**
-25°C up to +60°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
H05RN-F / 60245 IEC 57(YZW), acc. to EN 50525-2-21 and GB/T 5013.4, VDE and CCC certified				
393808220	2 X 0.75	5.7 - 7.4	14.4	60
393808230	3 G 0.75	6.2 - 8.1	21.6	75
393808240	4 G 0.75	6.8 - 8.8	28.8	90
393808221	2 X 1.0	6.1 - 8.0	19.2	71
393808231	3 G 1.0	6.5 - 8.5	28.8	90
393808241	4 G 1.0	7.1 - 9.3	38.4	102
60245 IEC 57(YZW), acc. to GB/T 5013.4, CCC certified, w/o CE marking				
393808232	3 G 1.5	8.0 - 10.4	43.2	126
393808242	4 G 1.5	9.0 - 11.6	57.6	162
393808252	5 G 1.5	9.8 - 12.7	72.0	188
393808233	3 G 2.5	9.6 - 12.4	72.0	188
393808243	4 G 2.5	10.7 - 13.8	96.0	232
393808253	5 G 2.5	11.9 - 15.3	120.0	280

- 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.

Power and control cables

Harsh Environment



H07RN-F / 60245 IEC 66(YCW) / YCW

Heavy standard construction



Application range

- Hand-held and power supply devices
- For dry and damp interiors, as well as for limited outdoor use
- Light and sound technology
- Heavy-duty rubber-sheath cable
- Medium mechanical stress Industrial, agricultural use

Product features

- Flame-retardant in acc. to IEC 60332-1-2
- Oil-resistant according to EN 60811-404

Norm references / Approvals

- <VDE> cable type certification in acc. to EN 50525-2-21
- CCC cable type certification in acc. to GB/T 5013.4 or JB/T 8735.2
- Complies with IEC 60245.4

Product Make-up

- Fine strands of bare copper wires
- Rubber type EI4 core insulation
- Rubber type EM2 outer sheath, black



Info

- CCC and VDE dual certified

Technical data



Core identification code

Up to 5 cores: colour-coded according to VDE0293-308
From 6 cores: black with white numbers



Conductor stranding

Fine wire acc. to IEC 60228 / VDE 0295 Cl. 5



Minimum bending radius

6 x cable diameter



Nominal voltage

U₀/U: 450/750 V



Test voltage

2500 V



Protective conductor

G = with GN-YE protective conductor
X = without protective conductor



Temperature range

-25°C up to +60°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
H07RN-F/60245 IEC 66(YCW), acc. to EN 50525-2-21 and GB/T 5013.4, VDE and CCC certified				
393807120	2 X 1.0	7.7 - 10.0	19.2	100
393807140	3 G 1.0	8.3 - 10.7	28.8	125
393807160	4 G 1.0	9.2 - 11.9	38.4	155
393807180	5 G 1.0	10.2 - 13.1	48.0	180
393807100	1 X 1.5	5.7 - 7.1	14.4	57
393807121	2 X 1.5	8.5 - 11.0	28.8	130
393807141	3 G 1.5	9.2 - 11.9	43.2	155
393807161	4 G 1.5	10.2 - 13.1	57.6	195
393807181	5 G 1.5	11.2 - 14.4	72.0	230
393807101	1 X 2.5	6.3 - 7.9	24.0	75
393807122	2 X 2.5	10.2 - 13.1	48.0	185
393807142	3 G 2.5	10.9 - 14.0	72.0	225
393807162	4 G 2.5	12.1 - 15.5	96.0	275
393807182	5 G 2.5	13.3 - 17.0	120.0	330
393807102	1 X 4	7.2 - 9.0	38.4	104
393807123	2 X 4	11.8 - 15.1	76.8	270
393807143	3 G 4	12.7 - 16.2	115.2	310
393807163	4 G 4	14.0 - 17.9	153.6	385
393807183	5 G 4	15.6 - 19.9	192.0	473
393807103	1 X 6	7.9 - 9.8	57.6	131
393807124	2 X 6	13.1 - 16.8	115.2	350
393807144	3 G 6	14.1 - 18.0	172.8	410
393807164	4 G 6	15.7 - 20.0	230.4	515
393807184	5 G 6	17.5 - 22.2	288.0	635
393807104	1 X 10	9.5 - 11.9	96.0	202
393807125	2 X 10	17.7 - 22.6	192.0	565
393807145	3 G 10	19.1 - 24.2	288.0	710
393807165	4 G 10	20.9 - 26.5	384.0	900
393807185	5 G 10	22.9 - 29.1	480.0	1,095
393807105	1 X 16	10.8 - 13.4	153.6	280
393807126	2 X 16	20.2 - 25.7	307.2	765
393807146	3 G 16	21.8 - 27.6	460.8	975
393807166	4 G 16	23.8 - 30.1	614.4	1,255
393807186	5 G 16	26.4 - 33.3	768.0	1,545
393807106	1 X 25	12.7 - 15.8	240.0	390
393807127	2 X 25	24.3 - 30.7	480.0	1,080
393807147	3 G 25	26.1 - 33.0	720.0	1,375
393807167	4 G 25	28.9 - 36.6	960.0	1,810
393807187	5 G 25	32.0 - 40.4	1,200.0	2,220
393807107	1 X 35	14.3 - 17.9	336.0	510
393807148	3 G 35	29.3 - 37.1	1,008.0	1,780
393807168	4 G 35	32.5 - 41.1	1,344.0	2,345
393807108	1 X 50	16.5 - 20.6	480.0	705
393807149	3 G 50	34.1 - 42.9	1,440.0	2,460
393807169	4 G 50	37.7 - 47.5	1,920.0	3,220

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
393807109	1 X 70	18.6 - 23.3	672.0	940
393807150	3 G 70	38.4 - 48.3	2,016.0	3,260
393807170	4 G 70	42.7 - 54.0	2,688.0	4,320
393807110	1 X 95	20.8 - 26.0	912.0	1,205
393807151	3 G 95	43.3 - 54.0	2,736.0	4,200
393807171	4 G 95	48.4 - 61.0	3,648.0	5,545
393807111	1 X 120	22.8 - 28.6	1,152.0	1,480
393807172	4 G 120	53.0 - 66.0	4,608.0	6,740
393807112	1 X 150	25.2 - 31.4	1,440.0	1,817
393807173	4 G 150	58.0 - 73.0	5,760.0	8,290
393807113	1 X 185	27.6 - 34.4	1,776.0	2,200
393807114	1 X 240	30.6 - 38.3	2,304.0	2,810
393807115	1 X 300	33.5 - 41.9	2,880.0	3,490
H07RN-F / YCW, acc. to EN 50525-2-21 and JB/T 8735.2, VDE and CCC certified				
393807128	2 X 35	27.2 - 34.3	672.0	1,380
393807188	5 G 35	35.7 - 45.1	1,680.0	2,855
393807129	2 X 50	31.6 - 39.8	960.0	1,905
393807201	5 G 50	41.8 - 53.0	2,400.0	3,985
393807130	2 X 70	35.8 - 45.1	1,344.0	2,375
393807202	5 G 70	47.5 - 60.0	3,360.0	5,370
393807131	2 X 95	40.2 - 51.0	1,824.0	3,035
393807203	5 G 95	54.0 - 67.0	4,560.0	6,960
393807152	3 G 120	47.4 - 60.0	3,456.0	5,110
393807153	3 G 150	52.0 - 66.0	4,320.0	6,262
H07RN-F, acc. to EN 50525-2-21, VDE certified				
393807190	7 G 1.5	14.7 - 18.7	100.8	335
393807192	12 G 1.5	17.6 - 22.4	172.8	550
393807194	18 G 1.5	20.7 - 26.3	259.2	755
393807196	24 G 1.5	24.3 - 30.7	345.6	985
393807198	36 G 1.5	27.8 - 35.2	518.4	1,370
393807191	7 G 2.5	17.1 - 21.8	168.0	475
393807193	12 G 2.5	20.6 - 26.2	288.0	746
393807195	18 G 2.5	24.4 - 30.9	432.0	1,070
393807197	24 G 2.5	28.8 - 36.4	576.0	1,415
393807199	36 G 2.5	33.2 - 41.8	864.0	2,025
393807204	7 G 4	20.1 - 25.5	268.8	655
393807205	12 G 4	24.4 - 30.9	460.8	1,050
393807206	18 G 4	28.8 - 36.4	691.2	1,565
393807154	3 G 185	57.0 - 72.0	5,328.0	7,580
393807174	4 G 185	64.0 - 80.0	7,104.0	10,060
393807155	3 G 240	65.0 - 82.0	6,912.0	9,830
393807175	4 G 240	72.0 - 91.0	9,216.0	13,035
YCW, acc. to JB/T 8735.2, CCC certified, w/o CE marking				
393807207	5 G 120	59.0 - 74.0	5,760.0	8,335
393807208	5 G 150	65.0 - 81.0	7,200.0	10,240

- 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.

60227IEC05(BV) 300/500V

Single-core non-sheathed cable with solid conductor for internal wiring for a conductor temperature of 70 °C



Info

- Rated voltage U_0/U : 300/500 V
- With CCC certification

Technical data

- Conductor stranding**
Solid copper conductor according to IEC 60228 Class 1, GB/T 3956 Class 1
- Minimum bending radius**
4 x outer diameter for fixed installation
- Nominal voltage**
 U_0/U : 300/500 V
- Test voltage**
2000 V
- Temperature range**
Fixed installation: -30°C to +80°C
- Core identification code**
Optional
- Protective conductor**
Optional
- Classification**
Optional

Benefits

- With CCC certification issued by China Quality Certification Center

Application range

- Internal wiring of devices and control cabinets
- Protected installation in and on lighting equipment
- Signal systems in and on plaster in tubes

Product features

- Fixed installation temperature down to -40°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

- Solid copper conductor according IEC 60228 Class 1, GB/T 3956 Class 1
- Special PVC insulation

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
60227IEC05(BV) 300/500V					
39340001	1 X 0.5	2.1	green-yellow	4.8	10
39340101	1 X 0.5	2.1	black	4.8	10
39340201	1 X 0.5	2.1	blue	4.8	10
39340301	1 X 0.5	2.1	brown	4.8	10
39340401	1 X 0.5	2.1	red	4.8	10
39340501	1 X 0.5	2.1	white	4.8	10
39340601	1 X 0.5	2.1	grey	4.8	10
39340701	1 X 0.5	2.1	violet	4.8	10
39340801	1 X 0.5	2.1	pink	4.8	10
39340901	1 X 0.5	2.1	orange	4.8	10
39341101	1 X 0.5	2.1	yellow	4.8	10
39341201	1 X 0.5	2.1	green	4.8	10
39341401	1 X 0.5	2.1	dark blue	4.8	10
39340002	1 X 0.75	2.3	green-yellow	7.2	10
39340102	1 X 0.75	2.3	black	7.2	10
39340202	1 X 0.75	2.3	blue	7.2	10
39340302	1 X 0.75	2.3	brown	7.2	10
39340402	1 X 0.75	2.3	red	7.2	10
39340502	1 X 0.75	2.3	white	7.2	10
39340602	1 X 0.75	2.3	grey	7.2	10
39340702	1 X 0.75	2.3	violet	7.2	10
39340802	1 X 0.75	2.3	pink	7.2	10
39340902	1 X 0.75	2.3	orange	7.2	10
39341102	1 X 0.75	2.3	yellow	7.2	10
39341202	1 X 0.75	2.3	green	7.2	10
39341402	1 X 0.75	2.3	dark blue	7.2	10
39340003	1 X 1.0	2.5	green-yellow	9.6	20
39340103	1 X 1.0	2.5	black	9.6	20
39340203	1 X 1.0	2.5	blue	9.6	20
39340303	1 X 1.0	2.5	brown	9.6	20
39340403	1 X 1.0	2.5	red	9.6	20
39340503	1 X 1.0	2.5	white	9.6	20
39340603	1 X 1.0	2.5	grey	9.6	20
39340703	1 X 1.0	2.5	violet	9.6	20
39340803	1 X 1.0	2.5	pink	9.6	20
39340903	1 X 1.0	2.5	orange	9.6	20
39341103	1 X 1.0	2.5	yellow	9.6	20
39341203	1 X 1.0	2.5	green	9.6	20
39341403	1 X 1.0	2.5	dark blue	9.6	20

- 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.



60227IEC01(BV) 450/750V

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°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 mm^2 : Solid copper conductor according to IEC 60228 class 1, GB/T 3956 Class 1
- From 16 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 mm^2 : Solid copper conductor according to IEC 60228 class 1, GB/T 3956 Class 1
From 16 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°C to $+80^{\circ}\text{C}$



Core identification code

Optional



Protective conductor

Optional



Classification

Optional

Article number	Number of cores and mm^2 per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
60227IEC01(BV) 450/750V					
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 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.

Power and control cables

Control Cabinet Applications



60227IEC06(RV) 300/500V

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



Info

- Rated voltage U_0/U : 300/500 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
- Protected installation in and on lighting equipment
- Signal systems in and on plaster in tubes

Product features

- Fixed installation temperature down to -40°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**
4 x outer diameter for fixed installation
- Nominal voltage**
 U_0/U : 300/500 V
- Test voltage**
2000 V
- Temperature range**
Fixed installation: -40°C to +80°C
- Core identification code**
Optional
- Protective conductor**
Optional
- Classification**
Optional

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
60227IEC06(RV) 300/500V					
3910001	1 X 0.5	2.2	green-yellow	4.8	10
3910011	1 X 0.5	2.2	black	4.8	10
39100211	1 X 0.5	2.2	blue	4.8	10
3910031	1 X 0.5	2.2	brown	4.8	10
3910041	1 X 0.5	2.2	red	4.8	10
3910051	1 X 0.5	2.2	white	4.8	10
3910061	1 X 0.5	2.2	grey	4.8	10
3910071	1 X 0.5	2.2	violet	4.8	10
3910081	1 X 0.5	2.2	pink	4.8	10
3910091	1 X 0.5	2.2	orange	4.8	10
3910111	1 X 0.5	2.2	yellow	4.8	10
3910121	1 X 0.5	2.2	green	4.8	10
39101411	1 X 0.5	2.2	dark blue	4.8	10
3910002	1 X 0.75	2.4	green-yellow	7.2	10
3910012	1 X 0.75	2.4	black	7.2	10
39100221	1 X 0.75	2.4	blue	7.2	10
3910032	1 X 0.75	2.4	brown	7.2	10
3910042	1 X 0.75	2.4	red	7.2	10
3910052	1 X 0.75	2.4	white	7.2	10
3910062	1 X 0.75	2.4	grey	7.2	10
3910072	1 X 0.75	2.4	violet	7.2	10
3910082	1 X 0.75	2.4	pink	7.2	10
3910092	1 X 0.75	2.4	orange	7.2	10
3910112	1 X 0.75	2.4	yellow	7.2	10
3910122	1 X 0.75	2.4	green	7.2	10
39101421	1 X 0.75	2.4	dark blue	7.2	10
3910003	1 X 1.0	2.6	green-yellow	9.6	20
3910013	1 X 1.0	2.6	black	9.6	20
39100231	1 X 1.0	2.6	blue	9.6	20
3910033	1 X 1.0	2.6	brown	9.6	20
3910043	1 X 1.0	2.6	red	9.6	20
3910053	1 X 1.0	2.6	white	9.6	20
3910063	1 X 1.0	2.6	grey	9.6	20
3910073	1 X 1.0	2.6	violet	9.6	20
3910083	1 X 1.0	2.6	pink	9.6	20
3910093	1 X 1.0	2.6	orange	9.6	20
3910113	1 X 1.0	2.6	yellow	9.6	20
3910123	1 X 1.0	2.6	green	9.6	20
39101431	1 X 1.0	2.6	dark blue	9.6	20

- 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.



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°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

60227IEC02(RV) 450/750V

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



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°C to +80°C
- Core identification code**
Optional
- Protective conductor**
Optional
- Classification**
Optional

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
60227IEC02(RV) 450/750V					
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 ² 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.