

60227 IEC 75(RVVY)型 耐油聚氯乙烯护套非屏蔽软电缆
60227 IEC 74(RVVYP)型 耐油聚氯乙烯护套屏蔽软电缆
60227 IEC 75(RVVY) Oil resistant PVC-sheathed Unshielded Flexible Cord
60227 IEC 74(RVVYP) Oil resistant PVC-sheathed Shielded Flexible Cord



软电线电缆系列

FLEXIBLE WIRES & CABLES

CCC A042117 60227 IEC 75(RVVY) 300/500V 3×0.5mm² SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI



CCC A042117 60227 IEC 74(RVVYP) 300/500V 3×0.5mm² SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI



应用范围

适用于机床和起重运输设备在内的制造加工用机器各部件间的内部连接,作为一般移动场合的使用,但不能用于露天安装。
(RVVYP型)用于有中等水平电磁干扰。

APPLICATIONS

For movable internal wiring of various fabrication machine parts including machine tools and lifting gears; not for outdoor wiring. RVVYP model is allowed for environment with medium electromagnetic interference

电线结构

多股细裸束绞铜丝或镀锡铜丝导体。
(RVVY型)PVC/D型绝缘, 芯线成缆, PVC/ST9型护套。
(RVVYP型)PVC/D型绝缘, 芯线成缆, PVC/ST5型内护套;
内护外编织, PVC/ST9型护套。

WIRE MAKE-UP

Bare fine copper/tinned copper stranded conductor
(RVVY):
PVC/D insulation, core cabling, PVC/ST9 sheath.
(RVVYP):
PVC/D insulation, core cabling, PVC/ST5 undersheath,
outer braid for undersheath, PVC/ST9 sheath

技术参数

- 温度范围: 固定安装 -40℃ ~ +70℃
移动安装 -5℃ ~ +70℃
- 额定电压: U₀/U 300/500V
- 符合标准: GB/T 5023.5-2008
- 导体标准: GB/T 3956-1997 第5种
- 弯曲半径: 大于4×电线外径(固定)
大于15×电线外径(一般移动)

TECHNICAL DATA

- Operating Temp.:
-40℃ ~ +70℃ for fixed wiring
-5℃ ~ +70℃ for movable wiring
- Rated Voltage: U₀/U 300/500V
- Governing Standards: GB/T 5023.5-2008
- Conductor Standards: Category 5 in GB/T 3956-1997
- Bending Radius:
more than 4× wire O.D. (fixed wiring)
more than 15× wire O.D. (normal movable wiring)

导体截面 Cross Section 芯数 × mm² Core. No. × mm²	导体结构 Conductor Structure 芯数 × 根数/单根直径 Core. No. × Cond. No./O.D	标称外径 Nominal O.D. mm	最大外径 Max O.D. mm	重量(近似) Approx. Weight Kg/Km		导体20℃时 最大电阻 Max. Cond. R@20℃ ≤ (Ω/Km)	环境温度 30℃架空时 参考载流量(A) Ambient (aerial cable)
				挤管式	挤压式		
60227 IEC 75(RVVY) 非屏蔽型							
2×0.5	2×16/0.20	5.68	6.6	38.9	47.7	39.0	9
2×0.75	2×24/0.20	6.40	7.2	51.2	62.3	26.0	11
2×1	2×32/0.20	6.68	7.5	58.4	70.5	19.5	13
2×1.5	2×30/0.25	7.60	8.6	76.2	93.9	13.3	17
2×2.5	2×50/0.25	9.20	10.3	115	142	7.98	24
3×0.5	3×16/0.20	6.01	7.0	49.6	56.4	39.0	7
3×0.75	3×24/0.20	6.77	7.6	65.9	74.0	26.0	8
3×1	3×32/0.20	7.07	8.0	76.2	84.8	19.5	10
3×1.5	3×30/0.25	8.26	9.4	106	119	13.3	11
3×2.5	3×50/0.25	9.97	11.2	160	180	7.98	18
4×0.5	4×16/0.20	6.77	7.9	65.3	73.2	39.0	7
4×0.75	4×24/0.20	7.39	8.3	82.1	89.4	26.0	8
4×1	4×32/0.20	7.73	8.7	94.6	103	19.5	10
4×1.5	4×30/0.25	9.04	10.2	133	145	13.3	11
4×2.5	4×50/0.25	11.13	12.5	207	226	7.98	18
5×0.5	5×16/0.20	7.38	8.6	76.4	84.6	39.0	
5×0.75	5×24/0.20	8.28	9.3	101	111	26.0	
5×1	5×32/0.20	8.66	9.8	116	128	19.5	
5×1.5	5×30/0.25	10.10	11.4	162	179	13.3	
5×2.5	5×50/0.25	12.19	13.7	247	271	7.98	

(续-I)

导体截面 Cross Section 芯数 × mm ² Core. No. × mm ²	导体结构 Conductor Structure 芯数 × 根数/单根直径 Core. No. × Cond. No./O.D	标称外径 Nominal O.D. mm	最大外径 Max O.D. mm	重量(近似) Approx. Weight Kg/Km		导体20℃时 最大电阻 Max. Cond. R@20℃ ≤ (Ω/Km)	环境温度 30℃架空时 参考载流量(A) Ambient (aerial cable)
				挤管式	挤压式		
6×0.5	6×16/0.20	8.22	9.6	93.2	102	39.0	
6×0.75	6×24/0.20	9.00	10.1	117	128	26.0	
6×1	6×32/0.20	9.62	10.8	141	153	19.5	
6×1.5	6×30/0.25	11.20	12.6	196	213	13.3	
6×2.5	6×50/0.25	13.50	15.1	297	322	7.98	
7×0.5	7×16/0.20	8.22	10.4	102	110	39.0	
7×0.75	7×24/0.20	9.20	11.3	134	144	26.0	
7×1	7×32/0.20	9.62	11.8	155	167	19.5	
7×1.5	7×30/0.25	11.40	14.1	223	240	13.3	
7×2.5	7×50/0.25	13.70	16.8	338	364	7.98	
12×0.5	12×16/0.20	11.09	12.9	174	187	39.0	
12×0.75	12×24/0.20	12.17	13.7	221	238	26.0	
12×1	12×32/0.20	12.95	14.6	265	284	19.5	
12×1.5	12×30/0.25	15.06	17.0	369	395	13.3	
12×2.5	12×50/0.25	18.37	20.6	570	610	7.98	
18×0.5	18×16/0.20	13.10	15.3	248	262	39.0	
18×0.75	18×24/0.20	14.60	16.4	325	342	26.0	
18×1	18×32/0.20	15.30	17.2	379	399	19.5	
18×1.5	18×30/0.25	18.00	20.3	539	567	13.3	
18×2.5	18×50/0.25	22.10	24.8	845	886	7.98	
27×0.5	27×16/0.20	15.97	18.6	367	388	39.0	
27×0.75	27×24/0.20	17.77	19.9	479	506	26.0	
27×1	27×32/0.20	18.63	21.0	561	591	19.5	
27×1.5	27×30/0.25	22.06	24.9	806	848	13.3	
27×2.5	27×50/0.25	26.97	30.2	1254	1318	7.98	
36×0.5	36×16/0.20	17.98	20.9	475	495	39.0	
36×0.75	36×24/0.20	20.00	22.4	621	645	26.0	
36×1	36×32/0.20	21.18	23.8	739	766	19.5	
36×1.5	36×30/0.25	25.00	28.2	1058	1095	13.3	
36×2.5	36×50/0.25	30.50	34.2	1644	1701	7.98	
48×0.5	48×16/0.20	20.85	24.3	632	650	39.0	
48×0.75	48×24/0.20	23.17	25.9	824	847	26.0	
48×1	48×32/0.20	24.51	27.6	981	1006	19.5	
48×1.5	48×30/0.25	28.86	32.5	1398	1435	13.3	
48×2.5	48×50/0.25	34.97	39.1	2149	2205	7.98	
60×0.5	60×16/0.20	22.86	26.6	774	819	39.0	
60×0.75	60×24/0.20	25.60	28.7	1023	1080	26.0	
60×1	60×32/0.20	27.06	30.5	1217	1280	19.5	
60×1.5	60×30/0.25	31.80	35.8	1710	1798	13.3	
60×2.5	60×50/0.25	38.10	42.6	2621	2755	7.98	

60227 IEC 74(RVVYP) 屏蔽型

2×0.5	2×16/0.20	8.30	9.6	105	39.0	9
2×0.75	2×24/0.20	8.80	10.0	120	26.0	11
2×1	2×32/0.20	9.10	10.3	131	19.5	13
2×1.5	2×30/0.25	10.20	11.6	167	13.3	17
2×2.5	2×50/0.25	11.80	13.3	228	7.98	24
3×0.5	2×16/0.20	8.60	10.0	116	39.0	7
3×0.75	3×24/0.20	9.20	10.4	135	26.0	8
3×1	3×32/0.20	9.70	11.0	149	19.5	10
3×1.5	3×30/0.25	10.70	12.1	191	13.3	11
3×2.5	3×50/0.25	12.40	14.0	265	7.98	18
4×0.5	4×16/0.20	9.20	10.7	132	39.0	7
4×0.75	4×24/0.20	10.00	11.3	160	26.0	8
4×1	4×32/0.20	10.30	11.7	177	19.5	10
4×1.5	4×30/0.25	11.70	13.3	229	13.3	11
4×2.5	4×50/0.25	14.00	15.5	343	7.98	18
5×0.5	5×16/0.20	10.00	11.6	155	39.0	
5×0.75	5×24/0.20	10.70	12.1	183	26.0	
5×1	5×32/0.20	11.30	12.8	209	19.5	
5×1.5	5×30/0.25	12.90	14.7	278	13.3	
5×2.5	5×50/0.25	15.20	17.2	406	7.98	

60227 IEC 75(RVVY)型 耐油聚氯乙烯护套非屏蔽软电缆
60227 IEC 74(RVVYP)型 耐油聚氯乙烯护套屏蔽软电缆
60227 IEC 75(RVVY) Oil resistant PVC-sheathed Unshielded Flexible Cord
60227 IEC 74(RVVYP) Oil resistant PVC-sheathed Shielded Flexible Cord



软电线电缆系列

FLEXIBLE WIRES & CABLES

(续-II)

导体截面 Cross Section 芯数 × mm ² Core. No. × mm ²	导体结构 Conductor Structure 芯数 × 根数/单根直径 Core. No. × Cond. No./O.D	标称外径 Nominal O.D. mm	最大外径 Max O.D. mm	重量(近似) Approx. Weight Kg/Km	导体20℃时 最大电阻 Max. Cond. R@20℃ ≤ (Ω/Km)	环境温度 30℃架空时 参考载流量(A) Ampacity@30℃ Ambient (aerial cable)
6×0.5	6×16/0.20	10.60	12.4	174	39.0	
6×0.75	6×24/0.20	11.60	13.1	212	26.0	
6×1	6×32/0.20	12.00	13.6	235	19.5	
6×1.5	6×30/0.25	14.00	15.7	330	13.3	
6×2.5	6×50/0.25	16.50	18.7	470	7.98	
7×0.5	7×16/0.20	10.80	13.5	182	39.0	
7×0.75	7×24/0.20	11.80	14.3	224	26.0	
7×1	7×32/0.20	12.40	15.1	252	19.5	
7×1.5	7×30/0.25	14.30	17.4	351	13.3	
7×2.5	7×50/0.25	16.80	20.3	504	7.98	
12×0.5	12×16/0.20	13.90	16.5	310	39.0	
12×0.75	12×24/0.20	15.20	17.2	373	26.0	
12×1	12×32/0.20	16.00	18.1	426	19.5	
12×1.5	12×30/0.25	18.10	20.5	558	13.3	
12×2.5	12×50/0.25	21.60	24.4	818	7.98	
18×0.5	18×16/0.20	16.00	18.6	398	39.0	
18×0.75	18×24/0.20	17.70	19.9	501	26.0	
18×1	18×32/0.20	18.40	20.8	564	19.5	
18×1.5	18×30/0.25	21.30	24.1	770	13.3	
18×2.5	18×50/0.25	25.40	28.5	1158	7.98	
27×0.5	27×16/0.20	19.00	22.1	560	39.0	
27×0.75	27×24/0.20	21.00	23.7	707	26.0	
27×1	27×32/0.20	21.90	24.7	801	19.5	
27×1.5	27×30/0.25	25.30	28.6	1120	13.3	
27×2.5	27×50/0.25	30.70	34.5	1666	7.98	
36×0.5	36×16/0.20	21.20	24.7	698	39.0	
36×0.75	36×24/0.20	23.30	26.2	869	26.0	
36×1	36×32/0.20	24.40	27.6	1003	19.5	
36×1.5	36×30/0.25	28.70	32.5	1419	13.3	
36×2.5	36×50/0.25	34.20	38.5	2091	7.98	
48×0.5	48×16/0.20	24.10	28.3	883	39.0	
48×0.75	48×24/0.20	26.80	30.4	1161	26.0	
48×1	48×32/0.20	28.20	31.9	1325	19.5	
48×1.5	48×30/0.25	32.80	37.0	1823	13.3	
48×2.5	48×50/0.25	38.90	43.7	2696	7.98	
60×0.5	60×16/0.20	26.80	31.1	1105	39.0	
60×0.75	60×24/0.20	29.30	32.9	1378	26.0	
60×1	60×32/0.20	30.80	34.7	1592	19.5	
60×1.5	60×30/0.25	35.30	39.9	2155	13.3	
60×2.5	60×50/0.25	42.10	47.2	3211	7.98	

▲ 载流量是周围温度设定在30℃时的计算值。电线芯数、周围温度、布线状况等条件改变时应乘以系数。(见附录)

▲ Current-carrying capacity is the calculated value based on a ambient temperature of 30℃ and is to be multiplied by a factor when application conditions including number of cores, ambient temperature and wiring condition are changed. (see Appendix)