

60227 IEC 06(RV)型 内部布线用导体温度为70℃的单芯软铜导体无护套电缆  
60227 IEC 02(RV)型 一般用途单芯软铜导体无护套电缆

60227 IEC 06(RV) Single-core non-sheathed flexible conductor (70℃ resistant) cable for internal wiring  
60227 IEC 02(RV) Single-core flexible conductor non-sheathed cable for general use

## WIRES & CABLES FOR FIXED WIRING 固定布线用电线电缆系列

**3C证书号:**  
**2005010105158880**

CCC A042117 60227 IEC 06 ( RV ) 300/500V 1mm<sup>2</sup> SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI

CCC A042117 60227 IEC 02 ( RV ) 450/750V 1.5mm<sup>2</sup> SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI

### 应用范围

06(RV)适用于交流300/500V或直流700V及以下、02(RV)适用于交流450/750V或直流1000V及以下的电器开关、仪器仪表、电信设备、动力和照明等内部各部件的连接。

### APPLICATIONS

For fixed wiring of various general-use or heat-resistant electric switches, instruments/gauges, telecommunication equipment, power and lighting parts at/below AC 300/500V / DC 700V (for 02(RV)) or AC 450/750V / DC 1000V (for 06(RV))

### 电线结构

多股细裸束绞铜丝或镀锡铜丝导体；PVC/C型绝缘。  
另有4.0mm<sup>2</sup>及以下带彩色(双色两分或双色四分)条纹螺旋形电线。

### WIRE MAKE-UP

Bare copper/tinned copper stranded conductor PVC/C-insulation. Spiral wire with sectional area of not more than 4.0mm<sup>2</sup> and with color stripes (2 colors dichotomize or quartered) are also available

### 技术参数

- ① 温度范围：固定安装 -15℃ ~ +70℃
- ② 额定电压：U<sub>0</sub>/U 300/500V、450/750V
- ③ 符合标准：GB/T 5023.3-2008
- ④ 导体标准：GB/T 3956-1997 第5种
- ⑤ 弯曲半径：大于4×电线外径(电线外径<25mm)  
大于6×电线外径(电线外径≥25mm)

### TECHNICAL DATA

- ① Operating Temp.: -15℃ ~ +70℃ for fixed wiring
- ② Rated Voltage: U<sub>0</sub>/U 300/500V, 450/750V
- ③ Governing Standards: GB/T 5023.3-2008
- ④ Conductor Standards: Category 5 in GB/T 3956-1997
- ⑤ Bending Radius: more than 4×wire O.D. (O.D. <25mm)  
more than 6×wire O.D. (O.D. ≥25mm)

| 导体截面<br>Cross Section<br>mm <sup>2</sup> | 导体结构<br>根数/单根直径<br>Conductor Structure<br>Cond. No./O.D | 标称外径<br>Nominal O.D.<br>mm | 最大外径<br>Max O.D.<br>mm | 重量(近似)<br>Approx. Weight<br>Kg/Km | 导体20℃时<br>最大电阻<br>Max. Cond. R@20℃<br>≤ ( Ω/Km ) | 环境温度<br>30℃架空时<br>参考载流量(A)<br>Ambient (aerial cable) |
|------------------------------------------|---------------------------------------------------------|----------------------------|------------------------|-----------------------------------|--------------------------------------------------|------------------------------------------------------|
| <b>60227 IEC 06 ( RV ) 300/500V</b>      |                                                         |                            |                        |                                   |                                                  |                                                      |
| 0.5                                      | 16/0.20                                                 | 2.14                       | 2.50                   | 9.3                               | 39.0                                             | 12                                                   |
| 0.75                                     | 24/0.20                                                 | 2.40                       | 2.70                   | 12.4                              | 26.0                                             | 14                                                   |
| 1                                        | 32/0.20                                                 | 2.54                       | 2.80                   | 15.2                              | 19.5                                             | 17                                                   |
| <b>60227 IEC 02 ( RV ) 450/750V</b>      |                                                         |                            |                        |                                   |                                                  |                                                      |
| 1.5                                      | 30/0.25                                                 | 3.00                       | 3.40                   | 21.6                              | 13.3                                             | 22                                                   |
| 2.5                                      | 50/0.25                                                 | 3.70                       | 4.10                   | 33.6                              | 7.98                                             | 29                                                   |
| 4                                        | 56/0.30                                                 | 4.30                       | 4.80                   | 51.9                              | 4.95                                             | 40                                                   |
| 6                                        | 84/0.30                                                 | 4.94                       | 5.30                   | 74.3                              | 3.30                                             | 51                                                   |
| 10                                       | 84/0.40                                                 | 6.44                       | 6.80                   | 130                               | 1.91                                             | 74                                                   |
| 16                                       | 126/0.40                                                | 7.59                       | 8.10                   | 186                               | 1.21                                             | 100                                                  |
| 25                                       | 196/0.40                                                | 9.48                       | 10.2                   | 286                               | 0.780                                            | 135                                                  |
| 35                                       | 276/0.40                                                | 10.95                      | 11.7                   | 401                               | 0.554                                            | 165                                                  |
| 50                                       | 396/0.40                                                | 12.63                      | 13.9                   | 558                               | 0.386                                            | 215                                                  |
| 70                                       | 360/0.50                                                | 14.53                      | 16.0                   | 773                               | 0.272                                            | 260                                                  |
| 95                                       | 475/0.50                                                | 16.99                      | 18.2                   | 1025                              | 0.206                                            | 340                                                  |
| 120                                      | 608/0.50                                                | 18.69                      | 20.2                   | 1290                              | 0.161                                            | 365                                                  |
| 150                                      | 777/0.50                                                | 20.92                      | 22.5                   | 1626                              | 0.129                                            | 425                                                  |
| 185                                      | 962/0.50                                                | 23.73                      | 24.9                   | 2051                              | 0.106                                            | 490                                                  |
| 240                                      | 1220/0.50                                               | 26.08                      | 28.4                   | 2565                              | 0.0801                                           | 595                                                  |

▲ 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)