

# 额定电压 0.6/1kV 铜芯交联聚乙烯绝缘低烟无卤船用电力电缆

## 电缆型号

CJPJ95/SC-0.6/1kV、CJPF96/SC-0.6/1kV

## 适用范围

本产品适用于各种河海船舶及海上石油平台等水上建筑物传输电能。

## 电缆结构

### 导体

第 5 种镀锡软铜导体

### 绝缘

交联聚乙烯绝缘

### 填充（可选）

玻纤绳

### 内护套

PJ: 低烟无卤热固性材料

PF: 低烟无卤热塑性材料

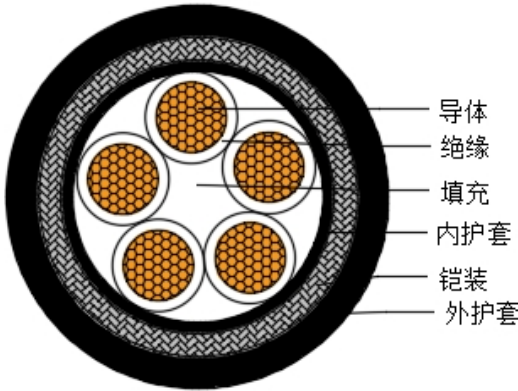
### 铠装

镀锌钢丝编织

### 外护套

5: 低烟无卤热固性材料

6: 低烟无卤热塑性材料



## 技术参数

额定电压 ( $U_0/U$ )

0.6/1kV

最高系统电压 ( $U_m$ )

1.2kV

## 温度等级

正常使用时，导体最高运行温度：90℃

使用环境温度：-40℃~+50℃

电缆敷设温度：不低于 0℃（环境温度低于 0℃时，应对电缆进行预热）

## 最小弯曲半径

最小弯曲半径为 6D（D 为电缆实际外径）

## 敷设方式

穿管敷设、浅槽敷设、电缆沟敷设、隧道敷设、夹层敷设、甲板敷设等。

## 产品认证



## 产品表面标识

起帆牌 上海起帆电缆股份有限公司 型号 电压  
规格 日期 米标

## 产品标准

IEC 60092-353-2016

## 规格范围

1~6 芯：1.0~630mm<sup>2</sup>

7 芯：1.0~400mm<sup>2</sup>

3+1 芯：1.5~400mm<sup>2</sup>

3+2 芯：1.5~400mm<sup>2</sup>

4+1 芯：1.5~400mm<sup>2</sup>

## 线芯识别

本色+编码

其他颜色可以根据买方需求，协商

## 护套颜色

● 黑色 / ● 灰色

CJPJ95/SC-0.6/1kV、CJPF96/SC-0.6/1kV 电缆结构参数 表 1

| 规格<br>mm <sup>2</sup> | 导体单丝直径<br>mm | 导体直径<br>mm | 绝缘标称厚度<br>mm | 外护套标称厚<br>度 mm | 电缆近似外径<br>mm | 电缆近似重<br>量 kg/km |
|-----------------------|--------------|------------|--------------|----------------|--------------|------------------|
| 1×1.0                 | 0.20         | 1.30       | 0.7          | 0.8            | 7.2          | 83.5             |
| 1×1.5                 | 0.20         | 1.57       | 0.7          | 0.8            | 7.5          | 92.3             |
| 1×2.5                 | 0.20         | 2.02       | 0.7          | 0.8            | 7.9          | 108.5            |
| 1×4                   | 0.30         | 2.59       | 0.7          | 0.8            | 8.5          | 131.1            |
| 1×6                   | 0.30         | 3.17       | 0.7          | 0.8            | 9.1          | 158.3            |
| 1×10                  | 0.40         | 4.10       | 0.7          | 0.8            | 10.0         | 208.9            |
| 1×16                  | 0.40         | 5.50       | 0.7          | 0.8            | 11.5         | 288.5            |
| 1×25                  | 0.40         | 6.70       | 0.9          | 0.9            | 13.3         | 405.8            |
| 1×35                  | 0.40         | 8.20       | 0.9          | 0.9            | 15.4         | 565.8            |
| 1×50                  | 0.40         | 10.00      | 1.0          | 0.9            | 17.6         | 752.6            |
| 1×70                  | 0.40         | 11.60      | 1.1          | 1.0            | 19.6         | 983.3            |
| 1×95                  | 0.40         | 13.50      | 1.1          | 1.0            | 21.7         | 1259.8           |
| 1×120                 | 0.40         | 14.40      | 1.2          | 1.1            | 23.0         | 1523.9           |
| 1×150                 | 0.40         | 16.20      | 1.4          | 1.1            | 25.5         | 1867.6           |
| 1×185                 | 0.40         | 18.20      | 1.6          | 1.2            | 28.2         | 2267.0           |
| 1×240                 | 0.40         | 20.60      | 1.7          | 1.2            | 31.1         | 2854.5           |
| 1×300                 | 0.40         | 23.40      | 1.8          | 1.3            | 34.4         | 3501.2           |
| 1×400                 | 0.40         | 26.60      | 2.0          | 1.4            | 38.8         | 4650.8           |
| 1×500                 | 0.40         | 30.00      | 2.2          | 1.5            | 43.1         | 5728.3           |
| 1×630                 | 0.40         | 34.00      | 2.4          | 1.6            | 48.0         | 7110.0           |
| 2×1.0                 | 0.20         | 1.30       | 0.7          | 0.8            | 10.5         | 164.1            |
| 2×1.5                 | 0.20         | 1.57       | 0.7          | 0.8            | 11.1         | 197.3            |
| 2×2.5                 | 0.20         | 2.02       | 0.7          | 0.8            | 12.1         | 242.9            |
| 2×4                   | 0.30         | 2.59       | 0.7          | 0.9            | 13.4         | 307.2            |
| 2×6                   | 0.30         | 3.17       | 0.7          | 0.9            | 15.1         | 422.2            |
| 2×10                  | 0.40         | 4.10       | 0.7          | 0.9            | 17.2         | 570.7            |
| 2×16                  | 0.40         | 5.50       | 0.7          | 1.0            | 20.2         | 803.1            |
| 2×25                  | 0.40         | 6.70       | 0.9          | 1.1            | 23.8         | 1141.2           |
| 2×35                  | 0.40         | 8.20       | 0.9          | 1.1            | 27.1         | 1494.5           |
| 2×50                  | 0.40         | 10.00      | 1.0          | 1.2            | 31.6         | 2029.9           |
| 2×70                  | 0.40         | 11.60      | 1.1          | 1.3            | 35.6         | 2663.4           |
| 2×95                  | 0.40         | 13.50      | 1.1          | 1.4            | 40.7         | 3599.0           |
| 2×120                 | 0.40         | 14.40      | 1.2          | 1.5            | 43.3         | 4278.3           |
| 2×150                 | 0.40         | 16.20      | 1.4          | 1.6            | 48.2         | 5276.5           |
| 2×185                 | 0.40         | 18.20      | 1.6          | 1.7            | 53.5         | 6452.5           |
| 2×240                 | 0.40         | 20.60      | 1.7          | 1.8            | 59.4         | 8088.6           |
| 2×300                 | 0.40         | 23.40      | 1.8          | 1.9            | 66.0         | 9963.6           |
| 2×400                 | 0.40         | 26.60      | 2.0          | 2.1            | 74.0         | 12850.7          |
| 2×500                 | 0.40         | 30.00      | 2.2          | 2.3            | 82.5         | 15920.9          |
| 2×630                 | 0.40         | 34.00      | 2.4          | 2.5            | 92.3         | 19864.9          |

CJJP95/SC-0.6/1kV、CJPF96/SC-0.6/1kV 电缆结构参数 续表 1

| 规格<br>mm <sup>2</sup> | 导体单丝直径<br>mm | 导体直径<br>mm | 绝缘标称厚<br>度 mm | 外护套标称<br>厚度 mm | 电缆近似外<br>径 mm | 电缆近似重<br>量 kg/km |
|-----------------------|--------------|------------|---------------|----------------|---------------|------------------|
| 3×1.0                 | 0.20         | 1.30       | 0.7           | 0.8            | 11.0          | 186.7            |
| 3×1.5                 | 0.20         | 1.57       | 0.7           | 0.8            | 11.6          | 227.2            |
| 3×2.5                 | 0.20         | 2.02       | 0.7           | 0.9            | 12.7          | 285.5            |
| 3×4                   | 0.30         | 2.59       | 0.7           | 0.9            | 14.5          | 405.2            |
| 3×6                   | 0.30         | 3.17       | 0.7           | 0.9            | 15.9          | 509.1            |
| 3×10                  | 0.40         | 4.10       | 0.7           | 1.0            | 18.2          | 703.8            |
| 3×16                  | 0.40         | 5.50       | 0.7           | 1.0            | 21.5          | 1007.3           |
| 3×25                  | 0.40         | 6.70       | 0.9           | 1.1            | 25.4          | 1453.9           |
| 3×35                  | 0.40         | 8.20       | 0.9           | 1.2            | 28.9          | 1922.5           |
| 3×50                  | 0.40         | 10.00      | 1.0           | 1.3            | 33.7          | 2634.0           |
| 3×70                  | 0.40         | 11.60      | 1.1           | 1.4            | 38.1          | 3490.6           |
| 3×95                  | 0.40         | 13.50      | 1.1           | 1.5            | 43.5          | 4710.3           |
| 3×120                 | 0.40         | 14.40      | 1.2           | 1.6            | 46.3          | 5650.8           |
| 3×150                 | 0.40         | 16.20      | 1.4           | 1.7            | 51.6          | 6994.5           |
| 3×185                 | 0.40         | 18.20      | 1.6           | 1.8            | 57.3          | 8576.6           |
| 3×240                 | 0.40         | 20.60      | 1.7           | 1.9            | 63.7          | 10811.4          |
| 3×300                 | 0.40         | 23.40      | 1.8           | 2.0            | 70.8          | 13355.1          |
| 3×400                 | 0.40         | 26.60      | 2.0           | 2.2            | 79.5          | 17322.4          |
| 3×500                 | 0.40         | 30.00      | 2.2           | 2.4            | 88.7          | 21505.8          |
| 3×630                 | 0.40         | 34.00      | 2.4           | 2.6            | 99.2          | 26889.2          |
| 4×1.0                 | 0.20         | 1.30       | 0.7           | 0.8            | 11.8          | 217.5            |
| 4×1.5                 | 0.20         | 1.57       | 0.7           | 0.8            | 12.5          | 267.0            |
| 4×2.5                 | 0.20         | 2.02       | 0.7           | 0.9            | 13.7          | 340.3            |
| 4×4                   | 0.30         | 2.59       | 0.7           | 0.9            | 15.7          | 485.0            |
| 4×6                   | 0.30         | 3.17       | 0.7           | 1.0            | 17.3          | 616.7            |
| 4×10                  | 0.40         | 4.10       | 0.7           | 1.0            | 19.8          | 864.5            |
| 4×16                  | 0.40         | 5.50       | 0.7           | 1.1            | 23.5          | 1251.0           |
| 4×25                  | 0.40         | 6.70       | 0.9           | 1.2            | 27.8          | 1823.0           |
| 4×35                  | 0.40         | 8.20       | 0.9           | 1.2            | 31.8          | 2424.6           |
| 4×50                  | 0.40         | 10.00      | 1.0           | 1.3            | 37.2          | 3339.7           |
| 4×70                  | 0.40         | 11.60      | 1.1           | 1.4            | 42.9          | 4634.9           |
| 4×95                  | 0.40         | 13.50      | 1.1           | 1.6            | 48.0          | 5994.4           |
| 4×120                 | 0.40         | 14.40      | 1.2           | 1.7            | 51.2          | 7220.7           |
| 4×150                 | 0.40         | 16.20      | 1.4           | 1.8            | 57.1          | 8958.3           |
| 4×185                 | 0.40         | 18.20      | 1.6           | 1.9            | 63.6          | 11005.0          |
| 4×240                 | 0.40         | 20.60      | 1.7           | 2.1            | 70.6          | 13910.6          |
| 4×300                 | 0.40         | 23.40      | 1.8           | 2.2            | 78.6          | 17212.6          |
| 4×400                 | 0.40         | 26.60      | 2.0           | 2.4            | 88.4          | 22383.3          |
| 4×500                 | 0.40         | 30.00      | 2.2           | 2.6            | 98.7          | 27825.1          |
| 4×630                 | 0.40         | 34.00      | 2.4           | 2.9            | 110.5         | 34833.7          |

CJJP95/SC-0.6/1kV、CJPF96/SC-0.6/1kV 电缆结构参数 续表 1

| 规格<br>mm <sup>2</sup> | 导体单丝直径<br>mm | 导体直径<br>mm | 绝缘标称厚度<br>mm | 外护套标称厚度<br>mm | 电缆近似外径<br>mm | 电缆近似重量<br>kg/km |
|-----------------------|--------------|------------|--------------|---------------|--------------|-----------------|
| 5×1.0                 | 0.20         | 1.30       | 0.7          | 0.8           | 12.6         | 251.0           |
| 5×1.5                 | 0.20         | 1.57       | 0.7          | 0.9           | 13.4         | 310.0           |
| 5×2.5                 | 0.20         | 2.02       | 0.7          | 0.9           | 15.2         | 438.0           |
| 5×4                   | 0.30         | 2.59       | 0.7          | 0.9           | 17.0         | 570.5           |
| 5×6                   | 0.30         | 3.17       | 0.7          | 1.0           | 18.7         | 731.4           |
| 5×10                  | 0.40         | 4.10       | 0.7          | 1.0           | 21.5         | 1035.3          |
| 5×16                  | 0.40         | 5.50       | 0.7          | 1.1           | 25.6         | 1509.5          |
| 5×25                  | 0.40         | 6.70       | 0.9          | 1.2           | 30.5         | 2213.8          |
| 5×35                  | 0.40         | 8.20       | 0.9          | 1.3           | 35.0         | 2955.8          |
| 5×50                  | 0.40         | 10.00      | 1.0          | 1.4           | 41.7         | 4267.8          |
| 5×70                  | 0.40         | 11.60      | 1.1          | 1.5           | 47.2         | 5665.5          |
| 5×95                  | 0.40         | 13.50      | 1.1          | 1.7           | 52.9         | 7348.4          |
| 5×120                 | 0.40         | 14.40      | 1.2          | 1.8           | 56.5         | 8870.9          |
| 5×150                 | 0.40         | 16.20      | 1.4          | 1.9           | 63.1         | 11023.6         |
| 5×185                 | 0.40         | 18.20      | 1.6          | 2.0           | 70.3         | 13560.5         |
| 5×240                 | 0.40         | 20.60      | 1.7          | 2.2           | 78.2         | 17168.4         |
| 5×300                 | 0.40         | 23.40      | 1.8          | 2.4           | 87.1         | 21268.2         |
| 5×400                 | 0.40         | 26.60      | 2.0          | 2.6           | 98.0         | 27697.1         |
| 5×500                 | 0.40         | 30.00      | 2.2          | 2.8           | 109.5        | 34462.0         |
| 5×630                 | 0.40         | 34.00      | 2.4          | 3.1           | 122.6        | 43178.8         |
| 6×1.0                 | 0.20         | 1.30       | 0.7          | 0.9           | 13.5         | 287.4           |
| 6×1.5                 | 0.20         | 1.57       | 0.7          | 0.9           | 14.9         | 394.4           |
| 6×2.5                 | 0.20         | 2.02       | 0.7          | 0.9           | 16.4         | 504.7           |
| 6×4                   | 0.30         | 2.59       | 0.7          | 1.0           | 18.3         | 662.3           |
| 6×6                   | 0.30         | 3.17       | 0.7          | 1.0           | 20.3         | 854.1           |
| 6×10                  | 0.40         | 4.10       | 0.7          | 1.1           | 23.4         | 1217.0          |
| 6×16                  | 0.40         | 5.50       | 0.7          | 1.2           | 27.9         | 1784.4          |
| 6×25                  | 0.40         | 6.70       | 0.9          | 1.3           | 33.4         | 2628.9          |
| 6×35                  | 0.40         | 8.20       | 0.9          | 1.4           | 38.3         | 3519.8          |
| 6×50                  | 0.40         | 10.00      | 1.0          | 1.5           | 45.8         | 5078.2          |
| 6×70                  | 0.40         | 11.60      | 1.1          | 1.6           | 51.8         | 6757.5          |
| 6×95                  | 0.40         | 13.50      | 1.1          | 1.8           | 58.2         | 8780.9          |
| 6×120                 | 0.40         | 14.40      | 1.2          | 1.9           | 62.1         | 10611.7         |
| 6×150                 | 0.40         | 16.20      | 1.4          | 2.0           | 69.5         | 13203.1         |
| 6×185                 | 0.40         | 18.20      | 1.6          | 2.2           | 77.4         | 16259.1         |
| 6×240                 | 0.40         | 20.60      | 1.7          | 2.4           | 86.2         | 20605.2         |
| 6×300                 | 0.40         | 23.40      | 1.8          | 2.6           | 96.1         | 25547.7         |
| 6×400                 | 0.40         | 26.60      | 2.0          | 2.8           | 108.2        | 33296.7         |
| 6×500                 | 0.40         | 30.00      | 2.2          | 3.1           | 121.0        | 41458.2         |

CJJP95/SC-0.6/1kV、CJPF96/SC-0.6/1kV 电缆结构参数 续表 1

| 规格<br>mm <sup>2</sup> | 导体单丝直径<br>mm | 导体直径<br>mm | 绝缘标称厚度<br>mm | 外护套标称厚<br>度 mm | 电缆近似外径<br>mm | 电缆近似重量<br>kg/km |
|-----------------------|--------------|------------|--------------|----------------|--------------|-----------------|
| 7×1.0                 | 0.20         | 1.30       | 0.7          | 0.9            | 15.0         | 368.1           |
| 7×1.5                 | 0.20         | 1.57       | 0.7          | 0.9            | 16.1         | 451.6           |
| 7×2.5                 | 0.20         | 2.02       | 0.7          | 1.0            | 17.7         | 581.2           |
| 7×4                   | 0.30         | 2.59       | 0.7          | 1.0            | 19.9         | 766.7           |
| 7×6                   | 0.30         | 3.17       | 0.7          | 1.1            | 22.1         | 992.6           |
| 7×10                  | 0.40         | 4.10       | 0.7          | 1.1            | 25.5         | 1420.6          |
| 7×16                  | 0.40         | 5.50       | 0.7          | 1.2            | 30.6         | 2091.4          |
| 7×25                  | 0.40         | 6.70       | 0.9          | 1.3            | 36.7         | 3091.1          |
| 7×35                  | 0.40         | 8.20       | 0.9          | 1.5            | 43.0         | 4334.1          |
| 7×50                  | 0.40         | 10.00      | 1.0          | 1.6            | 50.4         | 5979.8          |
| 7×70                  | 0.40         | 11.60      | 1.1          | 1.7            | 57.2         | 7967.8          |
| 7×95                  | 0.40         | 13.50      | 1.1          | 1.9            | 64.3         | 10363.9         |
| 7×120                 | 0.40         | 14.40      | 1.2          | 2.0            | 68.7         | 12525.5         |
| 7×150                 | 0.40         | 16.20      | 1.4          | 2.2            | 76.9         | 15600.3         |
| 7×185                 | 0.40         | 18.20      | 1.6          | 2.4            | 85.8         | 19229.9         |
| 7×240                 | 0.40         | 20.60      | 1.7          | 2.6            | 95.6         | 24381.4         |
| 7×300                 | 0.40         | 23.40      | 1.8          | 2.8            | 106.7        | 30250.5         |
| 7×400                 | 0.40         | 26.60      | 2.0          | 3.1            | 120.2        | 39435.8         |
| 3×1.5+1×1.0           | 0.20/0.20    | 1.6/1.3    | 0.7/0.7      | 0.8            | 12.3         | 243.1           |
| 3×2.5+1×1.5           | 0.20/0.20    | 2.0/1.6    | 0.7/0.7      | 0.9            | 13.4         | 317.2           |
| 3×4+1×2.5             | 0.30/0.20    | 2.6/2.0    | 0.7/0.7      | 0.9            | 15.3         | 451.1           |
| 3×6+1×4               | 0.30/0.30    | 3.2/2.6    | 0.7/0.7      | 0.9            | 16.9         | 574.3           |
| 3×10+1×6              | 0.40/0.30    | 4.1/3.2    | 0.7/0.7      | 1.0            | 19.2         | 789.1           |
| 3×16+1×10             | 0.40/0.40    | 5.5/4.1    | 0.7/0.7      | 1.0            | 22.6         | 1133.4          |
| 3×25+1×16             | 0.40/0.40    | 6.7/5.5    | 0.9/0.7      | 1.1            | 26.7         | 1646.0          |
| 3×35+1×16             | 0.40/0.40    | 8.2/5.5    | 0.9/0.7      | 1.2            | 29.7         | 2176.3          |
| 3×50+1×25             | 0.40/0.40    | 10.0/6.7   | 1.0/0.9      | 1.3            | 34.8         | 2991.2          |
| 3×70+1×35             | 0.40/0.40    | 11.6/8.2   | 1.1/0.9      | 1.4            | 39.9         | 4066.9          |
| 3×95+1×50             | 0.40/0.40    | 13.5/10.0  | 1.1/1.0      | 1.5            | 45.5         | 5442.5          |
| 3×120+1×70            | 0.40/0.40    | 14.4/11.6  | 1.2/1.1      | 1.6            | 49.1         | 6657.8          |
| 3×150+1×70            | 0.40/0.40    | 16.2/11.6  | 1.4/1.1      | 1.7            | 53.6         | 8169.6          |
| 3×185+1×95            | 0.40/0.40    | 18.2/13.5  | 1.6/1.1      | 1.8            | 59.7         | 10053.1         |
| 3×240+1×120           | 0.40/0.40    | 20.6/14.4  | 1.7/1.2      | 2.0            | 65.8         | 12593.1         |
| 3×300+1×150           | 0.40/0.40    | 23.4/16.2  | 1.8/1.4      | 2.1            | 73.3         | 15656.3         |
| 3×400+1×240           | 0.40/0.40    | 26.6/20.6  | 2.0/1.7      | 2.3            | 84.0         | 20353.7         |

CJPJ95/SC-0.6/1kV、CJPF96/SC-0.6/1kV 电缆结构参数 续表 1

| 规格<br>mm <sup>2</sup> | 导体单丝直径<br>mm | 导体直径<br>mm | 绝缘标称厚度<br>mm | 外护套标称厚<br>度 mm | 电缆近似外径<br>mm | 电缆近似重量<br>kg/km |
|-----------------------|--------------|------------|--------------|----------------|--------------|-----------------|
| 4×1.5+1×1.0           | 0.20/0.20    | 1.6/1.3    | 0.7/0.7      | 0.9            | 13.3         | 285.2           |
| 4×2.5+1×1.5           | 0.20/0.20    | 2.0/1.6    | 0.7/0.7      | 0.9            | 15.0         | 414.7           |
| 4×4+1×2.5             | 0.30/0.20    | 2.6/2.0    | 0.7/0.7      | 0.9            | 16.6         | 537.3           |
| 4×6+1×4               | 0.30/0.30    | 3.2/2.6    | 0.7/0.7      | 1.0            | 18.4         | 689.7           |
| 4×10+1×6              | 0.40/0.30    | 4.1/3.2    | 0.7/0.7      | 1.0            | 21.0         | 961.0           |
| 4×16+1×10             | 0.40/0.40    | 5.5/4.1    | 0.7/0.7      | 1.1            | 24.8         | 1393.6          |
| 4×25+1×16             | 0.40/0.40    | 6.7/5.5    | 0.9/0.7      | 1.2            | 29.5         | 2038.8          |
| 4×35+1×16             | 0.40/0.40    | 8.2/5.5    | 0.9/0.7      | 1.3            | 33.1         | 2711.1          |
| 4×50+1×25             | 0.40/0.40    | 10.0/6.7   | 1.0/0.9      | 1.4            | 39.2         | 3808.3          |
| 4×70+1×35             | 0.40/0.40    | 11.6/8.2   | 1.1/0.9      | 1.5            | 44.9         | 5210.3          |
| 4×95+1×50             | 0.40/0.40    | 13.5/10.0  | 1.1/1.0      | 1.6            | 50.7         | 6802.0          |
| 4×120+1×70            | 0.40/0.40    | 14.4/11.6  | 1.2/1.1      | 1.7            | 54.6         | 8312.9          |
| 4×150+1×70            | 0.40/0.40    | 16.2/11.6  | 1.4/1.1      | 1.8            | 59.9         | 10242.3         |
| 4×185+1×95            | 0.40/0.40    | 18.2/13.5  | 1.6/1.1      | 2.0            | 66.8         | 12616.7         |
| 4×240+1×120           | 0.40/0.40    | 20.6/14.4  | 1.7/1.2      | 2.1            | 73.8         | 15860.5         |
| 4×300+1×150           | 0.40/0.40    | 23.4/16.2  | 1.8/1.4      | 2.3            | 82.3         | 19722.4         |
| 4×400+1×240           | 0.40/0.40    | 26.6/20.6  | 2.0/1.7      | 2.5            | 94.0         | 25677.1         |
| 3×1.5+2×1.0           | 0.20/0.20    | 1.6/1.3    | 0.7/0.7      | 0.9            | 13.1         | 272.2           |
| 3×2.5+2×1.5           | 0.20/0.20    | 2.0/1.6    | 0.7/0.7      | 0.9            | 14.7         | 391.5           |
| 3×4+2×2.5             | 0.30/0.20    | 2.6/2.0    | 0.7/0.7      | 0.9            | 16.3         | 504.3           |
| 3×6+2×4               | 0.30/0.30    | 3.2/2.6    | 0.7/0.7      | 1.0            | 18.0         | 648.3           |
| 3×10+2×6              | 0.40/0.30    | 4.1/3.2    | 0.7/0.7      | 1.0            | 20.4         | 887.3           |
| 3×16+2×10             | 0.40/0.40    | 5.5/4.1    | 0.7/0.7      | 1.1            | 24.0         | 1278.7          |
| 3×25+2×16             | 0.40/0.40    | 6.7/5.5    | 0.9/0.7      | 1.2            | 28.6         | 1865.4          |
| 3×35+2×16             | 0.40/0.40    | 8.2/5.5    | 0.9/0.7      | 1.2            | 31.2         | 2472.2          |
| 3×50+2×25             | 0.40/0.40    | 10.0/6.7   | 1.0/0.9      | 1.3            | 36.7         | 3404.3          |
| 3×70+2×35             | 0.40/0.40    | 11.6/8.2   | 1.1/0.9      | 1.4            | 42.6         | 4763.8          |
| 3×95+2×50             | 0.40/0.40    | 13.5/10.0  | 1.1/1.0      | 1.6            | 48.4         | 6263.9          |
| 3×120+2×70            | 0.40/0.40    | 14.4/11.6  | 1.2/1.1      | 1.7            | 52.8         | 7760.7          |
| 3×150+2×70            | 0.40/0.40    | 16.2/11.6  | 1.4/1.1      | 1.8            | 56.7         | 9478.0          |
| 3×185+2×95            | 0.40/0.40    | 18.2/13.5  | 1.6/1.1      | 1.9            | 63.3         | 11693.2         |
| 3×240+2×120           | 0.40/0.40    | 20.6/14.4  | 1.7/1.2      | 2.0            | 69.5         | 14584.1         |
| 3×300+2×150           | 0.40/0.40    | 23.4/16.2  | 1.8/1.4      | 2.2            | 77.5         | 18214.9         |
| 3×400+2×240           | 0.40/0.40    | 26.6/20.6  | 2.0/1.7      | 2.4            | 90.1         | 23683.3         |

CJPJ95/SC-0.6/1kV、CJPF96/SC-0.6/1kV 在空气中 电缆长期允许载流量 表 2

| 截面 \ 芯数 | 单芯    |     | 二芯  |     | 三~五芯 |     |
|---------|-------|-----|-----|-----|------|-----|
|         | 载流量 A |     |     |     |      |     |
| 1.5     | 23    |     | 20  |     | 16   |     |
| 2.5     | 40    |     | 26  |     | 21   |     |
| 4       | 51    |     | 34  |     | 28   |     |
| 6       | 52    |     | 44  |     | 36   |     |
| 10      | 72    |     | 61  |     | 50   |     |
| 16      | 96    |     | 82  |     | 67   |     |
| 25      | 127   |     | 108 |     | 89   |     |
| 35      | 157   |     | 166 |     | 110  |     |
| 50      | 196   |     | 167 |     | 137  |     |
| 70      | 242   |     | 206 |     | 169  |     |
| 95      | 293   |     | 249 |     | 205  |     |
| 120     | 339   |     | 288 |     | 237  |     |
| 150     | 389   |     | 331 |     | 272  |     |
| 185     | 444   |     | 377 |     | 311  |     |
| 240     | 522   |     | 444 |     | 365  |     |
| 300     | 601   |     | 511 |     | 421  |     |
|         | DC    | AC  | DC  | AC  | DC   | AC  |
| 400     | 690   | 670 | 587 | 570 | 483  | 469 |
| 500     | 780   | 720 | 663 | 612 | 546  | 504 |
| 630     | 890   | 780 | 757 | 663 | 623  | 546 |
| 工作温度    | 90℃   |     |     |     |      |     |
| 环境温度    | 45℃   |     |     |     |      |     |

- 注：1) 三角形排列时电缆应相互接触；
- 2) 平面排列时电缆中心间距为 2 倍的电缆外径；
- 3) 单根电缆分离敷设（即临近电缆对该电缆没有热效应）。

环境温度不同时的载流量修正系数 表 43

| 导体工作温度<br>(℃) | 环境温度 (℃) (空气中) |      |      |      |      |      |      |      |
|---------------|----------------|------|------|------|------|------|------|------|
|               | 35             | 40   | 45   | 50   | 55   | 60   | 65   | 70   |
| 90            | 1.10           | 1.05 | 1.00 | 0.94 | 0.88 | 0.82 | 0.74 | 0.67 |

CJPJ95/SC-0.6/1kV、CJPF96/SC-0.6/1kV 电缆导体直流电阻 表 4

| 截面 mm² | 20℃时导体最大直流电阻<br>Ω/km | 截面 mm² | 20℃时导体最大直流电阻<br>Ω/km |
|--------|----------------------|--------|----------------------|
| 0.5    | 40.1                 | 50     | 0.393                |
| 0.75   | 26.7                 | 70     | 0.277                |
| 1.0    | 20.0                 | 95     | 0.210                |
| 1.5    | 13.7                 | 120    | 0.164                |
| 2.5    | 8.21                 | 150    | 0.132                |
| 4      | 5.09                 | 185    | 0.108                |
| 6      | 3.39                 | 240    | 0.0817               |
| 10     | 1.95                 | 300    | 0.0654               |
| 16     | 1.24                 | 400    | 0.0495               |
| 25     | 0.795                | 500    | 0.0391               |
| 35     | 0.565                | 630    | 0.0292               |