

CFY<sub>(C)</sub> PUR 0.6/1.0KV 4 × 1.5mm<sup>2</sup> SHANGHAI HANKE WIRE CO., LTD.



CFY<sub>(C)</sub>Y PUR 0.6/1.0KV 4 × 1.5mm<sup>2</sup> SHANGHAI HANKE WIRE CO., LTD.



### 应用范围

适用于电机连接电缆,尤其适用于变频器和伺服传动系统。  
 用于高柔性拖链及极其苛刻的运行环境安装连接。

### APPLICATIONS

Suitable for motor connection, especially for frequency converter and servo transmission system. Intended for use as highly flexible energy chain and in the highly demanding operating environment.

### 电线结构

多股细裸束绞铜丝或镀锡铜丝导体;  
 (CFY<sub>(C)</sub> PUR): TPE绝缘,编织屏蔽,橙色PUR护套;  
 (CFY<sub>(C)</sub>Y PUR): TPE绝缘,成缆外内护,内护套外编织屏蔽,  
 橙色PUR外护套。

### WIRE MAKE-UP

Multi-stranded fine bare copper/tincooper conductor;  
 CFY<sub>(C)</sub> PUR: TPE insulation, mesh shield, orange PUR outer sheath  
 CFY<sub>(C)</sub>Y PUR: TPE insulation, undersheath outside cabling, mesh shield outside undersheath, orange PUR outer sheath

### 技术参数

- ① 温度范围: -40℃ ~ +80℃(固定) -25℃ ~ +80℃(移动)
- ② 额定电压: U<sub>0</sub>/U 600/1000V
- ③ 符合标准: VDE 0250/0281
- ④ 导体标准: VDE 0295/IEC 60228 6类
- ⑤ 弯曲半径: 大于6 × 电线外径(固定安装)  
 大于10 × 电线外径(移动安装)

### TECHNICAL DATA

- ① Operating Temp.:  
 -40℃ ~ +80℃ for fixed wiring  
 -25 ~ +80℃ for movable wiring
- ② Rated Voltage: U<sub>0</sub>/U 600/1000V
- ③ Governing Standards: VDE 0250/0281
- ④ Conductor Standards: Category 6 in VDE 0295/IEC 60228
- ⑤ Bending Radius:  
 more than 6 × wire O.D. (fixed wiring)  
 more than 10 × wire O.D. (movable wiring)

导体截面 Cross Section 芯数 × mm <sup>2</sup> Core. No. × mm <sup>2</sup>	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)
<b>无内护套 (CFY<sub>(C)</sub> PUR型)</b>						
(4 × 1.5)	(4 × 30/0.25)	9.54	10.6	126	13.3	11
(4 × 2.5)	(4 × 50/0.25)	11.16	12.4	186	7.98	18
(4 × 4)	(4 × 56/0.30)	12.78	14.2	268	4.95	25
(4 × 6)	(4 × 84/0.30)	13.95	15.8	365	3.30	30
(4 × 10)	(4 × 84/0.40)	17.37	20.2	598	1.91	51
(4 × 16)	(4 × 128/0.40)	20.34	24.5	887	1.21	60
(4 × 25)	(4 × 200/0.40)	24.48	29.7	1323	0.780	80
(4 × 35)	(4 × 280/0.40)	29.61	34.3	1811	0.554	105
(4 × 50)	(4 × 400/0.40)	35.28	39.3	2472	0.386	130
<b>有内护套 (CFY<sub>(C)</sub>Y PUR型)</b>						
(4 × 1.5)	(4 × 30/0.25)	10.89	12.1	210	13.3	11
(4 × 2.5)	(4 × 50/0.25)	12.87	14.3	330	7.98	18
(4 × 4)	(4 × 56/0.30)	14.31	15.9	470	4.95	25
(4 × 6)	(4 × 84/0.30)	15.66	17.4	572	3.30	30
(4 × 10)	(4 × 84/0.40)	19.71	21.9	950	1.91	51
(4 × 16)	(4 × 128/0.40)	22.23	24.7	1135	1.21	60
(4 × 25)	(4 × 200/0.40)	27.18	30.2	1743	0.780	80
(4 × 35)	(4 × 280/0.40)	36.00	41.0	3480	0.554	105

▲ 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 an 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)