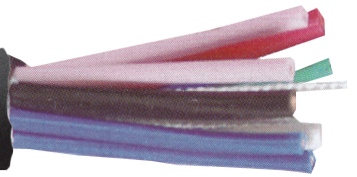


TVV 300/500V 9×0.75mm<sup>2</sup> SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI



### 应用范围

适用于安装在自由悬挂长度不超过45m及移动速度不超过4.0m/s的卷筒机、运输机械、电梯及输送装置，同时也可在拖链系统中用作卷筒和拖曳电缆，既随托轴或其它类似装置的导向进行收展运动。

### APPLICATIONS

For cable drums, transport machineries, elevators and conveyors where the free suspension length and the travelling speed is not more than 45m and 4.0m/s respectively. It may also be used as trailing cable in energy chain system where it is allowed to travelling along with carriers and other guides.

### 电线结构

多股细裸束绞铜丝或镀锡铜丝导体；  
特殊PVC绝缘，特殊PVC护套。

### WIRE-MAKE-UP

Multi-stranded fine bare copper/tincopper conductor,  
Special PVC insulation, Special PVC sheath

### 技术参数

- ☑ 温度范围：固定安装 -35℃ ~ +70℃  
移动安装 -15℃ ~ +70℃
- ☑ 额定电压：U<sub>0</sub>/U 300/500V、450/750V
- ☑ 符合标准：GB/T 5023.6-2006
- ☑ 导体标准：GB/T 3956-1997 第5种
- ☑ 弯曲半径：大于10×电线外径(移动)

### TECHNICAL DATA

- ☑ Operating Temp.:  
-35℃ ~ +70℃ for fixed wiring  
-15℃ ~ +70℃ for movable wiring
- ☑ Rated Voltage: U<sub>0</sub>/U 300/500V、450/750V
- ☑ Governing Standards: GB/T 5023.6-2006
- ☑ Conductor Standards: Category 5 in GB/T 3956-1997
- ☑ Bending radius: more than 10× wire O.D.

#### 额定电压 Rated Voltage

电缆导体标称截面1mm <sup>2</sup> 及以下 Conductor nominal section ≤ 1mm <sup>2</sup> 300/500V	电缆导体标称截面大于1mm <sup>2</sup> Conductor nominal section > 1mm <sup>2</sup> 450/750V
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#### 导体标称截面mm<sup>2</sup>

Conductor Nominal Section, mm <sup>2</sup>	0.75、1、1.5、2.5	4、6、10、16、25
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#### 优先选用芯数 Preferred Core No.

6、9、12、18、24、30	4、5
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导体截面mm <sup>2</sup> Conductor Section mm <sup>2</sup>	绝缘厚度mm Insulation Thickness mm	70℃时最小绝缘电阻/(MΩ·km) Min. Insulation Resistance @ 70℃ MΩ·km
0.75	0.6	0.011
1	0.6	0.010
1.5	0.7	0.010
2.5	0.8	0.009
4	0.8	0.007
6	0.8	0.006
10	1.0	0.0056
16	1.0	0.0046
25	1.2	0.0044

缆芯包覆层的假定直径/mm Provided diameter of cable core jacket, mm	护套厚度规定值/mm Specified Sheath Thickness, mm
不大于9.0	1.0
9.1~14.0	1.3
14.1~18.0	1.6
18.1~22.0	2.0
大于22.0	2.4

▲ 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)