

聚氯乙烯绝缘电子计算机用电线 PVC insulated computer cable

产品用途

本部分适用于电子计算机系统、监控回路、自动化控制系统的信号传输及检测仪器、仪表连接用额定电压300/500V及以下聚氯乙烯绝缘计算机电缆。

使用特性

- 1、电缆的额定工作电压为交流300/500V。
- 2、电缆导体长期最高允许工作温度为70℃；电缆敷设时温度应不低于0℃。
- 3、电缆允许弯曲半径：
无铠装或编织屏蔽结构的电缆，应不小于电缆外径的6倍；
有铠装或铜带屏蔽结构电缆，应不小于电缆外径的12倍；
有屏蔽层结构软电缆，应不小于电缆外径的6倍。

Application

This product applies for PE or XLPE insulated computer cable with rated voltage up to and including 300/500V, used for signal transmission in computer system, monitoring circuit, automatic control system, and connection with testing equipments and instruments.

Service property

1. The rated voltage U_0/U of the cable should be 300/500V;
2. Maximum long-term allowed operating temperature of cable conductor should be 70°C.
Cable laying temperature should be not less than 0°C.
3. Allowed bending radius of non armored or braided shielded cable should be not less than 6 times outer diameter of the cable, of armored or copper tape shielded cable should be not less than 12 times outer diameter of the cable; of shielded flexible cable should be not less than 6 times outer diameter of the cable.

基本型号及名称 Type and description

型号 Type	名称 Description
DJVPV	聚氯乙烯绝缘聚氯乙烯护套铜丝编织分屏蔽电子计算机用电线 PVC insulated and sheathed copper wire braided individual shielded computer cable
DJVPVP	聚氯乙烯绝缘聚氯乙烯护套铜丝编织分屏蔽、总屏蔽电子计算机用电线 PVC insulated and sheathed copper wire braided individual and overall shielded computer cable
DJVVP	聚氯乙烯绝缘聚氯乙烯护套铜丝编织总屏蔽电子计算机用电线 PVC insulated and sheathed copper wire braided overall shielded computer cable
DJVP2V	聚氯乙烯绝缘聚氯乙烯护套铜带绕包分屏蔽电子计算机用电线 PVC insulated and sheathed copper tape wrapped individual shielded computer cable
DJVP2VP2	聚氯乙烯绝缘聚氯乙烯护套铜带绕包分屏蔽、总屏蔽电子计算机用电线 PVC insulated and sheathed copper tape wrapped individual and overall shielded computer cable
DJVVP2	聚氯乙烯绝缘聚氯乙烯护套铜带绕包总屏蔽电子计算机用电线 PVC insulated and sheathed copper tape wrapped overall shielded computer cable
DJVP3V	聚氯乙烯绝缘聚氯乙烯护套铝塑复合带绕包分屏蔽电子计算机用电线 PVC insulated and sheathed aluminumplastics composite tape individual shielded computer cable
DJVP3VP3	聚氯乙烯绝缘聚氯乙烯护套铝塑复合带绕包分屏蔽、总屏蔽电子计算机用电线 PVC insulated and sheathed aluminumplastics composite tape individual and overall shielded computer cable
DJVVP3	聚氯乙烯绝缘聚氯乙烯护套铝塑复合带绕包总屏蔽电子计算机用电线 PVC insulated and sheathed aluminumplastics composite tape overall shielded computer cable
DJVPV22	聚氯乙烯绝缘聚氯乙烯护套铜丝编织分屏蔽钢带铠装电子计算机用电线 PVC insulated and sheathed copper wire braided individual shielded steel tape armored computer cable
DJVPVP22	聚氯乙烯绝缘聚氯乙烯护套铜丝编织分屏蔽及总屏蔽钢带铠装电子计算机用电线 PVC insulated and sheathed copper wire braided individual and overall shielded steel tape armored computer cable
DJVVP32	聚氯乙烯绝缘聚氯乙烯护套铜丝编织总屏蔽钢带铠装电子计算机用电线 PVC insulated and sheathed copper wire braided overall shielded steel wire armored computer cable
DJVP2V22	聚氯乙烯绝缘聚氯乙烯护套铜带绕包分屏蔽钢带铠装电子计算机用电线 PVC insulated and sheathed copper tape wrapped individual shielded steel tape armored computer cable
DJVP2VP2-22	聚氯乙烯绝缘聚氯乙烯护套铜带绕包分屏蔽及总屏蔽钢带铠装电子计算机用电线 PVC insulated and sheathed copper tape wrapped individual and overall shielded steel tape armored computer cable
DJVVP2-32	聚氯乙烯绝缘聚氯乙烯护套铜带绕包总屏蔽钢带铠装电子计算机用电线 PVC insulated and sheathed copper tape wrapped overall shielded steel wire armored computer cable

注：表中未列型号按下面的型号说明组成。

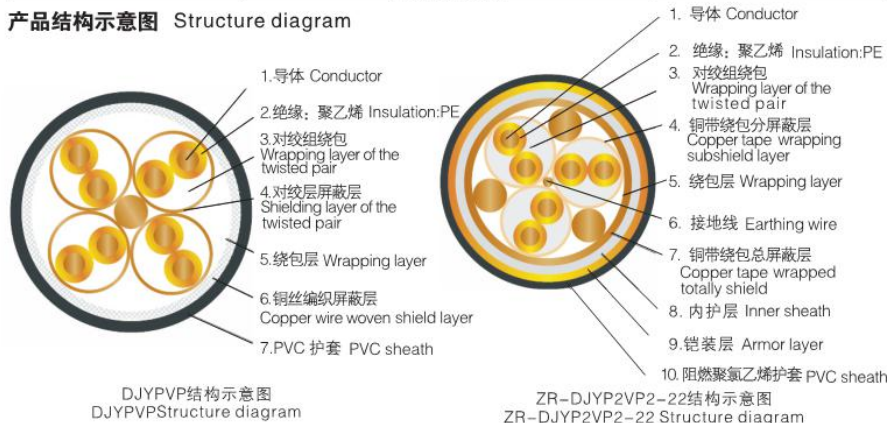
Note: The type not listed in the table should be comprised according to following type explanation.



代号名称和含义 Code and meaning

项目 Item	代号 Code	说明 Description
系列代号 Series coding	DJ	电子计算机电缆 Computer cable
	ia	本质安全型 Intrinsically safe
导体 Conductor	-	第1种或第2种铜导体 Class 1 and 2 copper conductor
	R	第5种铜导体 Class 5 copper conductor
	L	铝导体 Aluminum conductor
绝缘 Insulation	V	聚氯乙烯绝缘 PVC insulation
护套或内护套 Sheath or inner sheath	V	聚氯乙烯护套 PVC sheath
屏蔽 Shield	P	铜丝编织屏蔽 Copper wire braided shield
	P2	铜带绕包屏蔽 Copper tape wrapped shield
屏蔽 Shield	P3	铝塑复合带绕包屏蔽 Aluminum polyester composite film wrapped shielded
铠装 Armor	2	钢带铠装 Steel tape armor
	3	钢丝铠装 Steel wire armor
	9	镀锌钢丝编织铠装 Galvanized steel wire braided armor
外护套 Outer sheath	2	聚氯乙烯外护套 PVC
	3	聚乙烯或聚丙烯外护套 PE/polyolefin
	4	热固性外护套 Thermosetting
燃烧特性 Burning characteristic	Z(A/B/C)	阻燃(A/B/C)级 Flame retardant grade (A/B/C)
	N	耐火 Fire resistant
	DDZ	低烟低卤阻燃 Low smoke low halogen flame retardant

产品结构示意图 Structure diagram



DJYPVP结构示意图
DJYPVP Structure diagram

ZR-DJYP2VP2-22结构示意图
ZR-DJYP2VP2-22 Structure diagram

主要技术指标

- 20°C时导体直流电阻符合GB/T3956规定
- 20°C时绝缘电阻不小于25MΩ.km
- 成品电缆经受交流1.0kV/1min电压试验不击穿

Main technical index

- Conductor d.c. resistance at 20 °C complies with stipulations of GB/T3956;
- Insulation resistance at 20°C should be not less than 25M Ω .km.
- Cable withstand 1.0kV for 1 minutes without puncture.

基本电缆规格和结构参数 Cable specification and structural parameter

电缆型号 Cable type	标称截面mm ² Nominal cross section area	成缆元件构成 Cabling element		
		对绞组 Twisted unit	三线组 Triad unit	四线组 Quad unit
无铠装 Non-armed	0.5、0.75、1.0、1.5、2.5	1~37	1~24	1~10
有铠装 Armored	0.5、0.75、1.0、1.5、2.5	4~37	4~24	4~10