

硅橡胶绝缘电子计算机电缆 Silicone rubber insulated computer cable

产品用途

本产品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及以下硅橡胶绝缘计算机电缆。

使用特性

1. 电缆的额定工作电压交流300/500V。
2. 电缆导体长期允许工作温度最高为180℃，最低为-60℃；电缆敷设时温度应不低于-15℃。
3. 电缆允许弯曲半径：
有铠装或铜带屏蔽结构电缆，应不小于电缆外径的12倍；
有屏蔽结构软电缆，应不小于电缆外径的6倍。

Application

This product applies for silicon rubber insulated computer cable of 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 (U₀/U) of the cable should be 300/500V.
2. Maximum long-term allowed operating temperature of cable conductor should be 180°C, minimum long-term allowed operating temperature of cable conductor should be -60°C; Cable laying temperature should be not less than -15°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	电缆名称 description
DJGPG	铜芯硅橡胶绝缘硅橡胶护套铜丝屏蔽分屏蔽电子计算机用电缆 Copper core silicon rubber insulated silicon rubber sheathed copper wire braided individual shielded computer cable
DJGGP	铜芯硅橡胶绝缘硅橡胶护套铜丝屏蔽分屏蔽电子计算机用电缆 Copper core silicon rubber insulated silicon rubber sheathed copper wire braided overall shielded computer cable
DJGPGP	铜芯硅橡胶绝缘硅橡胶护套铜丝屏蔽分屏蔽及总屏蔽电子计算机用电缆 Copper core silicon rubber insulated silicon rubber sheathed copper wire braided individual and overall shielded computer cable
DJGP2G	铜芯硅橡胶绝缘硅橡胶护套铜带屏蔽分屏蔽电子计算机用电缆 Copper core silicon rubber insulated silicon rubber sheathed copper tape wrapped individual shielded computer cable
DJGP2P	铜芯硅橡胶绝缘硅橡胶护套铜带屏蔽分屏蔽及总屏蔽电子计算机用电缆 Copper core silicon rubber insulated silicon rubber sheathed copper tape wrapped overall shielded computer cable
DJGP2GP2	铜芯硅橡胶绝缘硅橡胶护套铜带屏蔽分屏蔽及总屏蔽电子计算机用电缆 Copper core silicon rubber insulated silicon rubber sheathed copper tape wrapped individual and overall shielded computer cable
DJGP2G24	铜芯硅橡胶绝缘硅橡胶护套铜带屏蔽分屏蔽铜带铠装电子计算机用电缆 Copper core silicon rubber insulated silicon rubber sheathed copper tape wrapped individual shielded steel tape armored computer cable
DJGP2-24	铜芯硅橡胶绝缘硅橡胶护套铜带屏蔽分屏蔽铜带铠装电子计算机用电缆 Copper core silicon rubber insulated silicon rubber sheathed copper tape wrapped overall shielded steel tape armored computer cable

续上表Continued

型 号 Type	电缆名称 description
DJGPGR	铜芯硅橡胶绝缘硅橡胶护套铜丝屏蔽分屏蔽电子计算机用铠装电缆 Copper core silicon rubber insulated silicon rubber sheathed copper wire braided individual and overall shielded steel wire armored fire resistant computer cable
DJGGRP	铜芯硅橡胶绝缘硅橡胶护套铜丝屏蔽分屏蔽及总屏蔽电子计算机用铠装电缆 Copper core silicon rubber insulated silicon rubber sheathed copper wire braided overall shielded fire resistant computer cable
DJGPGRP	铜芯硅橡胶绝缘硅橡胶护套铜丝屏蔽分屏蔽及总屏蔽电子计算机用铠装电缆 Copper core silicon rubber insulated silicon rubber sheathed copper wire braided individual and overall shielded fire resistant computer cable
N-DJGPGP	铜芯硅橡胶绝缘硅橡胶护套铜丝屏蔽分屏蔽及总屏蔽耐火电子计算机用电缆 Copper core silicon rubber insulated silicon rubber sheathed copper wire braided individual and overall shielded steel wire armored fire resistant computer cable
N-DJGP2GP2	铜芯硅橡胶绝缘硅橡胶护套铜带屏蔽分屏蔽及总屏蔽耐火电子计算机用电缆 Copper core silicon rubber insulated silicon rubber sheathed copper tape wrapped individual and overall shielded steel wire armored fire resistant computer cable
DJGP2GP2-34	铜芯硅橡胶绝缘硅橡胶护套铜带屏蔽分屏蔽及总屏蔽耐火电子计算机用铠装电缆 Copper core silicon rubber insulated silicon rubber sheathed copper tape wrapped individual and 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	G	硅橡胶绝缘 Silicon rubber insulation
	G	硅橡胶护套 Silicone rubber 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
铠装 Armor	P3	铝塑复合带绕包屏蔽 Aluminum polyester composite film wrapped shielded
	Z	钢带铠装 Steel tape armor
	3	钢丝铠装 Steel wire armor
	9	镀锌钢丝铠装 Galvanized steel wire braided armor
外护套 Outer sheath	2	聚氯乙烯护套 PVC outer sheath
	3	聚乙烯护套 PE(Polyolefin) outer sheath
	4	热塑性外护套 Thermosetting outer sheath
	Z(A/B/C)	阻燃(A/B/C)级 Flame retardant grade (A/B/C)
燃烧特性 Burning characteristic	N	耐火 Fire resistant
	WDZ	无卤低烟阻燃 Low smoke/halogen free flame retardant
	WDZN	无卤低烟阻燃耐火 Low smoke/halogen free flame retardant fire resistant



安徽飞翔特种电缆有限公司
Anhui Flying Special Cable Co. LTD

主要技术指标

1. 20℃时导体直流电阻符合GB/T3956规定
2. 20℃时绝缘电阻不小于30MΩ.km
3. 成品电缆经受交流1.0kV/1min电压试验不击穿

Main technical index

1. Conductor d.c. resistance at 20 °C complies with stipulations of GB/T3956;
2. Insulation resistance at 20°C should be not less than 30MΩ.km.
3. 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	0.5、0.75、1.0、1.5、2.5	1~37	1~24	1~10
有铠装	0.5、0.75、1.0、1.5、2.5	4~37	4~24	4~10