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SYV-50系列实芯聚乙烯绝缘射频同轴电缆
SYV-50 Series Of Solid Polyethylene Insulated RF Coaxial Cable

●产品使用说明(Product description)

SYV-50系列实芯聚乙烯绝缘射频同轴电缆按GB/T14864-1993设计生产。适用于1GHz以下模拟信号和高速率数字信号传输。

SYV-50 Series Of Solid Polyethylene Insulated RF Cable is manufactured according to the standards of GB/T14864—1993.The following applies to 1GHz analog signal and high speed digitalsignal transmission.

电缆具有均匀的特性阻抗、低损耗、低传输延迟、最小衰减等优良特性。

The cable has the uniform characteristic impedance, low loss, low delay, minimum attenuation properties.

该产品主要适用于固定或移动无线电通信和采用类似技术的电子装置中射频信号传输。

The product is mainly applied to the RF signal is fixed or mobile radio communication and electronic device with similar technology transfer.

●产品结构尺寸(Product structure)mm

型号 Type	内导体 Inner conductor		绝缘 Insulation	外导体 Outer conductor		护 套 Jacket	
	材料 Material	根数×直径 Roots×Diameter	外径 Diameter	材料 Material	型式 Form	厚度 Thickness	外径 Diameter
SYV-50-2-1	软铜线 Copper Wire	7×0.16	1.50	软铜线 Copper Wire	单层编织 Single Braid	0.43	2.8
SYV-50-2-7	铜包钢 Copper Clad Steel	7×0.16	1.50	软铜线 Copper Wire	单层编织 Single Braid	0.43	2.8
SYV-50-2-41	软铜线 Copper Wire	1×0.68	2.20	软铜线 Copper Wire	单层编织 Single Braid	0.56	4.0
SYV-50-3-1	软铜线 Copper Wire	7×0.32	2.95	软铜线 Copper Wire	单层编织 Single Braid	0.75	5.0
SYV-50-3-4	软铜线 Copper Wire	1×0.90	2.95	软铜线 Copper Wire	单层编织 Single Braid	0.75	5.0
SYV-50-3-41	软铜线 Copper Wire	1×0.90	2.95	软铜线 Copper Wire	双层编织 Double Braid	0.80	5.8
SYV-50-5-1	软铜线 Copper Wire	1×1.40	4.80	软铜线 Copper Wire	单层编织 Single Braid	0.88	7.2
SYV-50-5-41	软铜线 Copper Wire	1×1.40	4.80	软铜线 Copper Wire	双层编织 Double Braid	0.92	7.9
SYV-50-7-1	软铜线 Copper Wire	7×0.75	7.25	软铜线 Copper Wire	单层编织 Single Braid	1.05	10.3
SYV-50-7-41	软铜线 Copper Wire	7×0.75	7.25	软铜线 Copper Wire	双层编织 Double Braid	1.10	11.0
SYV-50-9-1	软铜线 Copper Wire	7×0.95	9.0	软铜线 Copper Wire	单层编织 Single Braid	1.18	12.2
SYV-50-12-41	软铜线 Copper Wire	7×1.15	11.5	软铜线 Copper Wire	单层编织 Single Braid	1.30	15.0

SYV-50系列实芯聚乙烯绝缘射频同轴电缆
SYV-50 Series Of Solid Polyethylene Insulated RF Coaxial Cable

●产品电气性能(Electrical properties)

型号 Type	介电强度 Dielectric strength kv	绝缘电阻 Insulation resistance (MΩ·km)	特性阻抗 Impedance Ω	额定电容 Capacitance pF / m	额定速比 Rate	质量近似值 Weight kg / km	最小弯曲半径mm Min.bending radius	
							室 内 Indoor	室 外 Outdoor
SYV-50-2-1	2.0	≤5000	50±2	100	0.66	15	15	30
SYV-50-2-7	2.0		50±2	100	0.66	15	15	30
SYV-50-2-41	3.0		50±2	100	0.66	31	20	40
SYV-50-3-1	4.0		50±2	100	0.66	40	25	50
SYV-50-3-4	4.0		50±2	100	0.66	40	25	50
SYV-50-3-41	4.2		50±2	100	0.66	60	30	60
SYV-50-5-1	6.5		50±2	100	0.66	72	35	70
SYV-50-5-41	6.5		50±2	100	0.66	104	40	80
SYV-50-7-1	10.0		50±2	100	0.66	160	50	100
SYV-50-7-41	10.0		50±2	100	0.66	200	50	100
SYV-50-9-1	12.0		50±2	100	0.66	237	60	120
SYV-50-12-41	15.0		50±2	100	0.66	280	70	140

●产品最大衰减 (Attenuation constant) dB / 100m

型号 Type	频 率 (MHz) Frequency										
	1	20	150	200	400	900	1800	1900	2000	2400	3000
SYV-50-2-1	3.08	13.83	38.18	44.17	62.82	95.13	136.14	140.02	143.81	158.17	177.80
SYV-50-2-7	3.08	13.83	38.18	44.17	62.82	95.13	136.14	140.02	143.81	158.17	177.80
SYV-50-2-41	1.91	8.59	23.82	27.59	39.38	59.98	86.41	88.93	91.40	100.75	113.60
SYV-50-3-1	1.64	7.38	20.48	23.74	33.93	51.80	69.40	77.06	79.21	87.40	98.68
SYV-50-3-4	1.44	6.47	18.01	20.88	29.89	45.74	66.28	68.25	70.18	77.51	87.62
SYV-50-3-41	1.44	6.47	18.01	20.88	29.89	45.74	66.28	68.25	70.18	77.51	87.62
SYV-50-5-1	0.90	4.08	11.48	13.33	19.21	29.72	43.63	44.98	46.30	51.35	58.37
SYV-50-5-41	0.90	4.08	11.48	13.33	19.21	29.72	43.63	44.98	46.30	51.35	58.37
SYV-50-7-1	0.71	3.20	9.06	10.54	15.26	23.81	35.26	36.38	37.48	41.69	47.57
SYV-50-7-41	0.71	3.20	9.06	10.54	15.26	23.81	35.26	36.38	37.48	41.69	47.57
SYV-50-9-1	0.59	2.66	7.58	8.83	12.84	20.18	30.12	31.10	32.08	35.76	40.94
SYV-50-12-41	0.47	2.13	6.11	7.13	10.44	16.57	25.03	25.88	26.70	29.88	34.37

SYV-75系列实芯聚乙烯绝缘射频同轴

SYV-75 Series Of Solid Polyethylene Insulated RF Coaxial Cable

●产品使用说明(Product description)

SYV-75系列实芯聚乙烯绝缘射频同轴电缆按GB/T14864-1993设计生产。适用于1GHz以下模拟信号和高速率数字信号传输。

SYV-75 Series Of Solid Polyethylene Insulated RF Cable is manufactured according to the standards of GB/T14864—1993.The following applies to 1GHz analog signal and high speed digital signal transmission.

电缆具有均匀的特性阻抗、低损耗、低传输延迟、最小衰减等优良特性。

The cable has the uniform characteristic impedance, low loss, low delay, minimum attenuation properties.

该产品主要适用于固定或移动无线电通信和采用类似技术的电子装置中射频信号传输。

The product is mainly applied to the RF signal is fixed or mobile radio communication and electronic device with similar technology transfer.

●产品结构尺寸(Product structure)mm

型 号 Type	内导体 Inner conductor		绝缘 Insulation	外导体 Outer conductor		护 套 Jacket	
	材料 Material	根数×直径 Roots×Diameter	外径 Diameter	材料 Material	型式 Form	厚度 Thickness	外径 Diameter
SYV-75-2	软铜线 Copper Wire	1×0.34	2.0	软铜线 Copper Wire	单层编织 Double Braid	0.5	3.4
SYV-75-2-2	软铜线 Copper Wire	1×0.34	2.0	软铜线 Copper Wire	双层编织 Single Braid	0.5	3.8
SYV-75-3-41	软铜线 Copper Wire	7×0.17	3.00	软铜线 Copper Wire	单层编织 Single Braid	0.66	5.0
SYV-75-4-1	软铜线 Copper Wire	1×0.59	3.70	软铜线 Copper Wire	单层编织 Single Braid	0.80	6.0
SYV-75-4-4	软铜线 Copper Wire	1×0.59	3.70	软铜线 Copper Wire	单层编织 Single Braid	0.80	6.0
SYV-75-5-41	软铜线 Copper Wire	1×0.75	4.80	软铜线 Copper Wire	单层编织 Single Braid	0.88	7.2
SYV-75-5-42	软铜线 Copper Wire	1×0.75	4.80	软铜线 Copper Wire	双层编织 Single Braid	0.92	7.9
SYV-75-7-1	软铜线 Copper Wire	7×0.40	7.25	软铜线 Copper Wire	单层编织 Single Braid	1.05	10.3
SYV-75-7-8	软铜线 Copper Wire	1×1.15	7.25	软铜线 Copper Wire	双层编织 Single Braid	1.05	10.3
SYV-75-7-41	软铜线 Copper Wire	7×0.40	7.25	软铜线 Copper Wire	单层编织 Single Braid	1.10	11.0
SYV-75-9-11	软铜线 Copper Wire	1×1.37	9.00	软铜线 Copper Wire	双层编织 Single Braid	1.18	12.2
SYV-75-12-41	软铜线 Copper Wire	7×0.63	11.5	软铜线 Copper Wire	单层编织 Single Braid	1.30	15.0

SYV-75系列实芯聚乙烯绝缘射频同轴

SYV-75 Series Of Solid Polyethylene Insulated RF Coaxial Cable

●产品电气性能(Electrical properties)

型 号 Type	介电强度 Dielectric strength kv	绝缘电阻 Insulation resistance (MΩ·km)	特性阻抗 Impedance Ω	额定电容 Capacitance pF/m	额定速比	质量近似值 Weight kg/km	最小弯曲半径mm Min.bending radius	
							室 内 Indoor	室 外 Outdoor
SYV-75-2	2.0	≤5000	75±3	67±5	0.66	17	15	30
SYV-75-2-2	2.2		75±3	67±5	0.66	27	20	40
SYV-75-3-41	3.0		75±3	67±5	0.66	42	25	50
SYV-75-4-1	4.2		75±3	67±5	0.66	60	30	60
SYV-75-4-4	4.2		75±3	67±5	0.66	66	30	60
SYV-75-5-41	5.5		75±3	67±5	0.66	68	35	70
SYV-75-5-42	5.5		75±3	67±5	0.66	95	40	80
SYV-75-7-1	8.0		75±3	67±5	0.66	140	50	100
SYV-75-7-8	8.0		75±3	67±5	0.66	180	50	100
SYV-75-7-41	8.0		75±3	67±5	0.66	180	50	100
SYV-75-9-1	10.0		75±3	67±5	0.66	213	50	100
SYV-75-12-41	12.5		75±3	67±5	0.66	240	70	140

●产品最大衰减 (Attenuation constant) dB / 100m

型 号 Type	频 率 (MHz) Frequency					
	1	20	150	200	400	900
SYV-75-2	2.35	9.80	24.56	32.17	41.22	60.53
SYV-75-2-2	2.35	9.80	24.56	32.17	41.22	60.53
SYV-75-3-41	1.71	7.68	21.34	24.72	35.31	53.87
SYV-75-4-1	1.39	6.27	17.47	20.25	28.99	33.40
SYV-75-4-4	1.19	5.37	14.99	17.39	24.94	38.33
SYV-75-5-41	0.93	4.22	11.85	13.76	19.82	30.64
SYV-75-5-42	0.93	4.22	11.85	13.76	19.82	30.64
SYV-75-7-1	0.74	3.36	9.48	11.02	15.94	24.82
SYV-75-7-8	0.63	2.87	8.16	9.50	13.79	21.60
SYV-75-7-41	0.74	3.36	9.48	11.02	15.94	24.82
SYV-75-9-1	0.52	2.39	6.82	7.96	11.61	18.31
SYV-75-12-41	0.49	2.22	6.38	7.45	10.89	17.24

多芯聚乙烯绝缘射频同轴电缆

Multi-Core Solid Polyethylene Insulated RF Coaxial Cable

●产品使用说明(Product description)

多芯聚乙烯绝缘同轴射频电缆适用于1000MHz以下模拟信号和高速数字信号的传输，主要应用于固定或移动无线电通信和采用类似技术的电信设备中射频信号的传输。

The following applies to 1000MHz analog signal and high speed digital signal transmission.,it is mainly applied to the RF signal is fixed or mobile radio communication and electronic device with similar technology transfer.

电缆具有均匀的特性阻抗、低损耗、低传输延迟、最小衰减等优良特性。

The cable has the uniform characteristic impedance, low loss, low delay, minimum attenuation properties.

●产品结构尺寸(Product structure)mm

电缆型号 Type	内导体结构 Inner conductor		绝缘 Insulation	外导体 Outer conductor		子线芯 Core	电缆 Cable
	材 料 Material	根数×直径 Roots×Diameter	外径 Diameter	材料 Material	型式 Form	外径 Diameter	外径 Diameter
SYV-75-1.5-1*4	软铜线 Copper Wire	1×0.26	1.52	软铜线 Copper Wire	单层编织 Single Braid	2.60	7.8
SYV-75-1.5-1*8	软铜线 Copper Wire	1×0.26	1.52	软铜线 Copper Wire	单层编织 Single Braid	2.60	9.8
SYV-75-1.5-1*16	软铜线 Copper Wire	1×0.26	1.52	软铜线 Copper Wire	单层编织 Single Braid	2.60	14.0
SYV-75-1.5-2*4	软铜线 Copper Wire	1×0.26	1.52	软铜线 Copper Wire	双层编织 Double Braid	3.00	8.1
SYV-75-1.5-2*8	软铜线 Copper Wire	1×0.26	1.52	软铜线 Copper Wire	双层编织 Double Braid	3.00	11.6
SYV-75-1.5-2*16	软铜线 Copper Wire	1×0.26	1.52	软铜线 Copper Wire	双层编织 Double Braid	3.00	15.8
SYV-75-2-1*4	软铜线 Copper Wire	1×0.34	2.00	软铜线 Copper Wire	单层编织 Single Braid	3.30	8.8
SYV-75-2-1*8	软铜线 Copper Wire	1×0.34	2.00	软铜线 Copper Wire	单层编织 Single Braid	3.30	12.5
SYV-75-2-1*16	软铜线 Copper Wire	1×0.34	2.00	软铜线 Copper Wire	单层编织 Single Braid	3.30	17.5
SYV-75-2-2*4	软铜线 Copper Wire	1×0.34	2.00	软铜线 Copper Wire	双层编织 Double Braid	3.80	10.8
SYV-75-2-2*8	软铜线 Copper Wire	1×0.34	2.00	软铜线 Copper Wire	双层编织 Double Braid	3.80	14.5
SYV-75-2-2*16	软铜线 Copper Wire	1×0.34	2.00	软铜线 Copper Wire	双层编织 Double Braid	3.80	19.8

多芯聚乙烯绝缘射频同轴电缆

Multi-Core Solid Polyethylene Insulated RF Coaxial Cable

●产品电气性能(Electrical properties)

型 号 Type	介电强度 Dielectric strength kV	工作电压 voltage kV	绝缘电阻 Insulation resistance (MΩ・km) 不小于	特性阻抗 Impedance Ω	额定电容 Capacitance pF / m	额定速比 Rate	两同轴间电缆串音 Crosstalk dB
SYV-75-1.5-1*4	1.5	0.5	5000	75±3	67±5	0.66	70
SYV-75-1.5-1*8	1.5	0.5	5000	75±3	67±5	0.66	70
SYV-75-1.5-1*16	1.5	0.5	5000	75±3	67±5	0.66	70
SYV-75-1.5-2*4	1.5	0.5	5000	75±3	67±5	0.66	70
SYV-75-1.5-2*8	1.5	0.5	5000	75±3	67±5	0.66	70
SYV-75-1.5-2*16	1.5	0.5	5000	75±3	67±5	0.66	70
SYV-75-2-1*4	1.5	0.5	5000	75±3	67±5	0.66	80
SYV-75-2-1*8	1.5	0.5	5000	75±3	67±5	0.66	80
SYV-75-2-1*16	1.5	0.5	5000	75±3	67±5	0.66	80
SYV-75-2-2*4	1.5	0.5	5000	75±3	67±5	0.66	80
SYV-75-2-2*8	1.5	0.5	5000	75±3	67±5	0.66	80
SYV-75-2-2*16	1.5	0.5	5000	75±3	67±5	0.66	80

●产品最大衰减 (Attenuation constant) dB / 100m

型 号 Type	频 率 (MHz) Frequency					
	1	4	20	70	100	200
SYV-75-1.5-1*4	6.52	10.05	14.15	27.22	31.45	46.50
SYV-75-1.5-1*8	6.52	10.05	14.15	27.22	31.45	46.50
SYV-75-1.5-1*16	6.52	10.05	14.15	27.22	31.45	46.50
SYV-75-1.5-2*4	6.52	10.05	14.15	27.22	31.45	46.50
SYV-75-1.5-2*8	6.52	10.05	14.15	27.22	31.45	46.50
SYV-75-1.5-2*16	6.52	10.05	14.15	27.22	31.45	46.50
SYV-75-2-1*4	2.35	4.56	9.83	18.84	21.28	32.17
SYV-75-2-1*8	2.35	4.56	9.83	18.84	21.28	32.17
SYV-75-2-1*16	2.35	4.56	9.83	18.84	21.28	32.17
SYV-75-2-2*4	2.35	4.56	9.83	18.84	21.28	32.17
SYV-75-2-2*8	2.35	4.56	9.83	18.84	21.28	32.17
SYV-75-2-2*16	2.35	4.56	9.83	18.84	21.28	32.17

RG系列实芯聚乙烯绝缘射频同轴电缆
RG Series Of Solid Polyethylene Insulated RF Coaxial Cable

●产品使用说明(Product description)

RG系列实芯聚乙烯绝缘射频同轴电缆按MIL-C-17设计生产，电缆的绝缘层采用进口聚乙烯绝缘料，保证了其传输性能及机械性能的稳定。

RG Series Of Solid Polyethylene Insulated RF Cable is manufactured according to the standards of MIL-C-17 . The insulating layer is made of imported polyethylene insulating compound for cable, ensure that the transmission properties and mechanical properti es of the stable.

该系列产品主要适用于固定或移动无线电通信和采用类似技术的电子装置中射频信号传输。

The product is mainly applied to the RF signal is fixed or mobile radio communication and electronic device with similar technology transfer.

电缆具有均匀的特性阻抗、低损耗、低传输延迟、最小衰减等优良特性。

The cable has the uniform characteristic impedance, low loss, low delay, minimum attenuation properties.

●产品结构尺寸(Product structure)mm

型 号 Type	内导体 Inner conductor		绝缘 Insulation	外导体 Outer conductor		护 套 Jacket	
	材料Material	根数×直径 Roots×Diameter	外径 Diameter	材料 Material	型式 Form	厚度 Thickness	外径 Diameter
RG-6A/U	软铜线 Copper Wire	1×0.75	4.80	软铜线 Copper Wire	双层编织 Double Braid	1.25	8.40
RG8、RG8A	软铜线 Copper Wire	7×0.724	7.24	软铜线 Copper Wire	单层编织 Single Braid	1.05	10.30
RG11、RG11A	软铜线 Copper Wire	7×0.404	7.11	软铜线 Copper Wire	单层编织 Single Braid	1.05	10.30
RG-58/U	软铜线 Copper Wire	1×0.90	2.95	软铜线 Copper Wire	单层编织 Single Braid	0.80	5.00
RG58C、RG58A	镀锡铜线 Tinned copper	19×0.18	2.95	镀锡铜线 Tinned copper	单层编织 Single Braid	0.80	5.00
RG59、RG59A	铜包钢或软铜线 CCS or Copper	1×0.64	3.71	软铜线 Copper Wire	单层编织 Single Braid	0.80	6.15
RG-59B/U	铜包钢或软铜线 CCS or Copper	1×0.58	3.71	软铜线 Copper Wire	单层编织 Single Braid	0.80	6.15
RG-174/U	铜包钢、铜、镀锡铜 CCS or BC orTC	7×0.16	1.52	镀锡或软铜线 Tinned or Copper	单层编织 Single Braid	0.45	2.80
RG-212/U	镀银铜线 Silver copper	1×1.41	4.70	镀银铜线 Silver copper	双层编织 Double Braid	1.25	8.40
RG-213/U	软铜线 Copper Wire	7×0.75	7.24	软铜线 Copper Wire	单层编织 Single Braid	1.05	10.30
RG-214/U	镀银铜线 Silver copper	7×0.75	7.24	镀银铜线 Silver copper	双层编织 Double Braid	1.05	10.80
RG-216/U	镀锡铜线 Tinned copper	7×0.40	7.24	软铜线 Copper Wire	双层编织 Double Braid	1.05	10.80
RG-223/U	镀银铜线 Silver copper	1×0.90	2.95	镀银铜线 Silver copper	双层编织 Double Braid	0.65	5.30

RG系列实芯聚乙烯绝缘射频同轴电缆
RG Series Of Solid Polyethylene Insulated RF Coaxial Cable

●产品电气性能(Electrical properties)

型 号 Type	介电强度 Dielectric strength kv	绝缘电阻 Insulation resistance (MΩ·km)	特性阻抗 Impedance Ω	额定电容 Capacitance pF/m	额定速比 Rate	质量近似值 Weight kg/km	最小弯曲半径mm Min.bending radius	
							室 内 Indoor	室 外 Outdoor
RG-6A/U	5.5	≥5000	75±3	67±5	0.66	85	35	70
RG8、RG8A	10		50±2	100±5	0.66	160	50	100
RG11、RG11A	8		75±3	67±5	0.66	150	50	100
RG-58/U	4.0		50±2	100±5	0.66	40	25	50
RG58C、RG58A	4.0		50±2	100±5	0.66	39	25	50
RG59、RG59A	4.2		73±3	69±5	0.66	60	30	60
RG-59B/U	4.2		75±3	67±5	0.66	59	30	60
RG-174/U	2.0		50±2	100±5	0.66	15	15	30
RG-212/U	6.5		50±2	100±5	0.66	108	40	80
RG-213/U	10		50±2	100±5	0.66	160	50	100
RG-214/U	10		50±2	100±5	0.66	200	50	100
RG-216/U	10		75±3	67±5	0.66	175	50	100
RG-223/U	4.0		50±2	100±5	0.66	55	25	50

●产品最大衰减 (Attenuation constant) dB / 100m

型 号 Type	频 率 (MHz)Frequency						
	100	200	400	800	1000	1500	2000
RG-6A/U	8.53	9.95	21.27	31.56	33.88	42.56	53.05
RG8、RG8A	7.22	10.54	15.26	23.53	27.61	33.85	39.56
RG11、RG11A	7.83	11.85	17.07	23.96	28.05	34.57	41.36
RG-58/U	14.56	23.74	33.93	43.55	48.67	61.56	70.18
RG58C、RG58A	12.03	24.92	32.73	47.15	54.46	68.47	79.36
RG59、RG59A	12.03	15.77	29.15	38.92	44.14	54.03	66.22
RG-59B/U	12.53	16.15	30.36	41.45	46.86	57.36	69.52
RG-174/U	27.85	44.26	63.55	86.43	101.64	122.51	142.22
RG-212/U	8.53	13.52	19.26	29.54	34.87	42.23	48.56
RG-213/U	7.22	10.54	15.26	23.53	27.61	33.85	39.56
RG-214/U	7.22	10.54	15.26	23.53	27.61	33.85	39.56
RG-216/U	7.84	11.88	17.03	23.95	28.04	34.54	41.36
RG-223/U	14.51	22.06	28.95	42.53	48.64	61.05	70.25

日标实芯聚乙烯绝缘射频同轴电缆
JPN Standard Series Of Solid Polyethylene Insulated RF Coaxial Cable

●产品使用说明(Product description)

该产品按照日本标准JIS C 3501 生产，电缆主要适用于固定或移动无线电通信、数字程控交换机或设备机器内部联接和数字配线架之间信号的传输。

The products is manufactured according to the standards of JIS C3501. Cable mainly used for the Fixed or mobile radio communication signal transmisson , Digital Program Controlled Switch signal transmisson, and between internal connection of Equipment machine and Digital Distribution Frame signal transmission.

电缆具有均匀的特性阻抗、低损耗、低传输延迟、最小衰减等优良特性。

The cable has the uniform characteristic impedance, low loss, low delay, minimum attenuation properties.

●产品结构尺寸(Product structure)mm

型 号 Type	内导体 Inner conductor		绝缘 Insulation	外导体 Outer conductor		护 套 Jacket	
	材料Material	根数×直径 Roots×Diameter	外径Diameter	材料 Material	型式 Form	厚度 Thickness	外径 Diameter
1.5C-2V	软铜线 Copper Wire	1×0.26	1.5	软铜线 Copper Wire	单层编织 Single Braid	0.45	2.80
2.5C-2V	软铜线 Copper Wire	1×0.40	2.4	软铜线 Copper Wire	单层编织 Single Braid	0.60	4.00
3C-2V	软铜线 Copper Wire	1×0.50	3.0	软铜线 Copper Wire	单层编织 Single Braid	0.66	5.00
3C-2W	软铜线 Copper Wire	1×0.50	3.0	软铜线 Copper Wire	双层编织 Double Braid	0.66	5.40
5C-2V	软铜线 Copper Wire	1×0.80	4.9	软铜线 Copper Wire	单层编织 Single Braid	0.85	7.40
5C-2W	软铜线 Copper Wire	1×0.80	4.9	软铜线 Copper Wire	双层编织 Double Braid	0.85	7.80
1.5D-2V	软铜线 Copper Wire	7×0.18	1.6	软铜线 Copper Wire	单层编织 Single Braid	0.45	2.90
1.5D-2W	软铜线 Copper Wire	7×0.18	1.6	软铜线 Copper Wire	双层编织 Double Braid	0.45	3.30
2.5D-2V	软铜线 Copper Wire	1×0.80	2.7	软铜线 Copper Wire	单层编织 Single Braid	0.60	4.30
3D-2V	软铜线 Copper Wire	7×0.32	3.0	软铜线 Copper Wire	单层编织 Single Braid	0.80	5.30
5D-2V	软铜线 Copper Wire	1×1.40	4.8	软铜线 Copper Wire	单层编织 Single Braid	0.93	7.30
5D-2W	软铜线 Copper Wire	1×1.40	4.8	软铜线 Copper Wire	双层编织 Double Braid	1.03	8.00
8D-2V	软铜线 Copper Wire	7×0.80	7.8	软铜线 Copper Wire	单层编织 Single Braid	1.30	11.10

日标实芯聚乙烯绝缘射频同轴电缆
JPN Standard Series Of Solid Polyethylene Insulated RF Coaxial Cable

●产品电气性能(Electrical properties)

型 号 Type	介电强度 Dielectric strength kv	绝缘电阻 Insulation resistance (MΩ·km)	特性阻抗 Impedance Ω	额定电容 Capacitance pF/m	额定速比 Rate	质量近似值 Weight kg/km	最小弯曲半径mm Min.bending radius	
							室 内	室 外
1.5C-2V	1.5	≥5000	75±3	69±4	0.66	13	15	30
2.5C-2V	2.5		75±3	69±4	0.66	25	20	40
3C-2V	3.0		75±3	67±3	0.66	42	25	50
3C-2W	3.0		75±3	67±3	0.66	75	25	50
5C-2V	5.5		75±3	67±3	0.66	74	35	70
5C-2W	5.5		75±3	67±3	0.66	120	35	70
1.5D-2V	2.0		50±2	104±5	0.66	15	15	30
1.5D-2W	2.0		50±2	104±5	0.66	20	15	30
2.5D-2V	2.0		50±2	100±5	0.66	35	20	40
3D-2V	4.0		50±2	100±5	0.66	44	25	50
5D-2V	6.5		50±2	100±5	0.66	80	35	70
5D-2W	6.5		50±2	100±5	0.66	110	35	70
8D-2V	10.5		50±2	100±5	0.66	180	55	110

●产品最大衰减 (Attenuation constant) dB / 100m

型 号 Type	频 率 (MHz)Frequency								
	1	4	10	20	70	300	900	1500	2000
1.5C-2V	2.84	5.70	9.60	14.80	27.22	57.26	88.40	111.30	129.10
2.5C-2V	1.54	3.30	5.20	7.40	14.00	31.00	56.40	70.40	87.20
3C-2V	1.25	2.60	4.20	6.10	11.10	24.80	47.30	62.30	71.60
3C-2W	1.25	2.60	4.20	6.10	11.10	25.10	47.30	62.30	71.60
5C-2V	0.85	1.70	2.70	4.20	7.40	24.00	30.10	42.60	49.50
5C-2W	0.85	1.70	2.70	4.20	7.40	24.00	30.10	42.60	49.50
1.5D-2V	2.90	5.50	8.50	13.20	23.30	75.80	92.00	126.40	138.20
1.5D-2W	2.90	5.50	8.50	13.20	23.30	75.80	92.00	126.40	138.20
2.5D-2V	1.80	3.30	4.80	7.60	13.80	32.00	53.50	73.20	88.60
3D-2V	1.70	3.20	4.70	7.40	13.20	29.50	51.80	68.50	79.20
5D-2V	0.90	1.60	2.70	4.10	7.90	18.90	29.70	38.90	46.30
5D-2W	0.90	1.60	2.70	4.10	7.90	18.90	29.70	38.90	46.30
8D-2V	0.65	1.20	2.00	3.00	5.70	16.80	22.50	29.60	35.10

SYWV-50系列发泡聚乙烯绝缘射频同轴电缆

SYWV-50 Series Of Foam Polyethylene Insulated RF Coaxial Cable

●产品使用说明(Product description)

该系列电缆主要用于移动通讯及无线电通讯天线馈线及地面基站用天线跳线。
The cable be used for mobile communication or radio communication antenna,and ground station antenna.

电缆采用发泡聚乙烯绝缘，电缆具有低损耗、低传输延迟、最小衰减。
The cable with foamed polyethylene insulated,it has the low loss, low delay, minimum attenuation properties.

●产品结构尺寸(Product structure)mm

结构 Structure	SYWV-50-3	SYWV-50-4	SYWV-50-5	SYWV-50-7	SYWV-50-9	SYWV-50-10
内导体 Inner conductor	1.02	1.40	1.80	2.60	3.20	3.50
绝 缘 Insulation	3.00	3.80	5.00	7.30	9.00	10.00
外导体 Outer conductor	3.70	4.50	5.70	8.30	10.00	11.00
护 层 Jacket	5.00	6.10	7.50	10.20	12.40	13.30

●产品电气性能(Electrical properties)

项目Item		SYWV-50-3	SYWV-50-4	SYWV-50-5	SYWV-50-7	SYWV-50-9	SYWV-50-10
直流电阻 Resistance Ω/km	内导体Inner conductor	24.00	12.10	6.92	3.34	2.21	1.82
	外导体 Outer conductor	13.50	12.76	10.50	11.10	7.50	7.10
绝缘电阻Insulation resistance (MΩ*km)		5000					
介电强度Dielectric strength (kV)		1.6					
速率Rate(%)		81	81	82	82	81	81
特性阻抗 Impedance (Ω)		50±2					
驻波比 SWR (2000MHz)		≤1.2					
护套耐压withstand voltage V(DC)		1000	1000	2000	2500	3000	3000
火花电压voltage V(DC)		5000	5000	5000	5000	5000	5000
电容Capacitance(pF/m)		81	81	81	81	81	81

SYWV-50系列发泡聚乙烯绝缘射频同轴电缆

SYWV-50 Series Of Foam Polyethylene Insulated RF Coaxial Cable

●产品最大衰减 (Attenuation constant) dB / 100m

频 率 Frequency(MHz)	SYWV-50-3	SYWV-50-4	SYWV-50-5	SYWV-50-7	SYWV-50-9	SYWV-50-10
50	7.8	5.8	4.7	3.3	2.9	2.5
100	11.5	8.4	6.7	4.8	4.1	3.5
150	13.0	10.0	7.8	5.8	4.7	4.2
200	14.7	11.5	9.1	6.7	5.5	4.8
280	17.2	12.9	10.2	8.8	6.6	5.8
350	19.5	16.5	12.2	8.9	7.5	6.6
400	21.5	17.5	13.0	9.6	7.9	7.0
500	23.7	14.5	14.5	10.4	8.8	7.8
600	25.3	16.3	16.2	11.8	9.7	8.9
800	30.2	23.6	18.9	14.1	11.7	10.8
900	31.8	24.5	20.3	14.8	12.2	11.3
1000	32.7	21.5	21.5	15.6	13.6	12.3
1200	36.5	28.3	23.5	17.4	15.7	14.2
1500	41.0	33.5	25.0	19.2	17.5	15.6
1800	44.6	30.7	30.7	22.0	19.2	16.9
1900	47.4	37.9	31.8	22.4	19.7	17.2
2000	49.5	38.7	32.3	24.2	20.3	17.8
2100	50.4	33.6	33.6	24.7	21.9	18.4
2400	54.0	42.9	35.6	26.9	22.7	19.6
2800	58.7	39.4	39.4	29.1	24.8	21.6
3000	61.5	48.6	40.9	30.7	25.9	22.5

D-FB系列发泡聚乙烯绝缘射频同轴电缆
D-FB Series Of Foam Polyethylene Insulated RF Coaxial Cable

●产品使用说明(Product description)

该电缆主要用于移动通讯及无线电通讯天线馈线及地面基站用天线跳线，机房用馈线及天线连接线，军用数据信息传输线等。

The cable be used for mobile communication or radio communication antenna,and ground station antenna, feeder cable be used in computer lab and antenna ,armed data information's transmission cable and so on .

电缆参照日本关西通信电线株式会社标准制造,电采用进口聚乙烯发泡绝缘,电缆具有低损耗、低传输延迟、最小衰减。

The products is manufactured according to the standards of Japan Kansai communication cable Ltd..,The cable with foamed polyethylene insulated,it has the low loss, low delay, minimum attenuation properties.

●产品结构尺寸(Product structure)mm

结构 Structure	3D-FB	4D-FB	5D-FB	7D-FB	8D-FB	9D-FB	10D-FB
内导体 Inner conductor	1.02	1.42	1.80	2.60	2.80	3.20	3.50
绝缘 Insulation	2.95	3.80	5.00	7.30	7.80	9.00	10.00
外导体 Outer conductor	3.65	4.50	5.70	8.30	8.80	10.00	11.00
护套 Jacket	5.00	6.10	7.50	10.20	11.10	12.20	13.00

●产品电气性能(Electrical properties)

项目Item		3D-FB	4D-FB	5D-FB	7D-FB	8D-FB	9D-FB	10D-FB
直流电阻 Resistance Ω/km	内导体Inner conductor	22.00	10.50	6.91	3.31	2.86	2.18	1.82
	外导体 Outer conductor	13.50	12.76	10.50	11.10	8.25	7.50	5.30
绝缘电阻Insulation resistance(MΩ.km)		5000						
介电强度Dielectric strength (kV)		1.6						
速率Rate(%)		81	81	82	82	82	82	82
特性阻抗 Impedance (Ω)		50±2						
驻波比 SWR (0~2500MHz)		≤1.2						
耐压Withstand voltage V(DC)		1000	1000	2000	2500	2500	2500	3000
电容Capacitance(pF/m)		81	81	81	81	81	81	81

D-FB系列发泡聚乙烯绝缘射频同轴电缆
D-FB Series Of Foam Polyethylene Insulated RF Coaxial Cable

●产品最大衰减 (Attenuation constant) dB / 100m

频 率 Frequency(MHz)	3D-FB	4D-FB	5D-FB	7D-FB	8D-FB	9D-FB	10D-FB
50	7.8	5.8	4.7	3.2	3.0	2.9	2.5
100	11.5	8.4	6.7	4.7	4.5	4.1	3.5
150	15.3	10.0	7.8	5.4	5.2	4.8	4.1
200	16.7	11.5	9.1	6.3	6.1	5.6	4.8
280	18.1	12.9	10.9	7.5	7.3	6.6	5.5
350	19.5	16.5	12.2	8.4	8.2	7.3	6.2
400	21.5	17.6	13.0	9.0	8.6	7.9	7.0
500	22.7	18.2	14.6	10.0	9.6	8.8	7.8
600	25.9	19.8	16.2	11.2	10.7	9.7	8.7
800	30.2	23.6	18.9	12.8	12.3	11.6	10.0
900	31.8	24.5	20.0	14.1	13.0	12.5	11.0
1000	32.6	25.9	21.5	15.1	14.3	13.6	11.9
1200	36.9	28.3	24.0	16.8	16.5	15.4	13.2
1500	42.5	33.5	27.2	19.2	18.7	17.6	15.3
1800	45.9	36.8	30.4	21.7	21.0	19.1	16.8
1900	46.8	37.7	31.3	22.4	21.7	19.5	17.2
2000	48.2	38.7	32.5	23.2	22.5	21.7	17.8
2100	49.8	39.7	33.4	23.9	23.2	22.3	18.4
2400	53.1	42.6	35.8	25.7	24.8	23.6	19.6
2800	61.1	46.7	39.3	28.3	27.6	25.1	21.6
3000	65.2	48.6	40.9	29.5	28.4	25.9	22.5

LSR系列射频同轴电缆
LMR Series Of RF Coaxial Cable

●产品使用说明(Product description)

该电缆主要用于移动通讯及无线电通讯天线馈线及地面基站用天线跳线，机房用馈线及天线连接线，军用数据信息传输线等。

The cable be used for mobile communication or radio communication antenna,and ground station antenna, feeder cable be used in computer lab and antenna ,armed data information's transmission cable and so on .

除LSR-100A采用实芯进口PE绝缘，其余电缆均采用发泡聚乙烯绝缘，发泡电缆具有低损耗、低传输延迟、最小衰减等优良特性。

In addition to LSR-100A with solid core PE insulated, cables with foamed polyethylene insulated,it has the low loss, low delay, minimum attenuation properties.

●产品结构尺寸(Product structure)mm

结构 Structure	LSR-100A	LSR-195	LSR-200	LSR-240	LSR-300	LSR-400
内导体 Inner conductor	0.46	0.94	1.12	1.42	1.78	2.74
绝缘 Insulation	1.52	2.80	2.95	3.81	4.83	7.24
外导体 Outer conductor	2.11	3.53	3.66	4.52	5.72	8.13
护套 Jacket	2.79	4.95	4.95	6.10	7.62	10.29

●产品电气性能(Electrical properties)

项目Item		LSR-100A	LSR-195	LSR-200	LSR-240	LSR-300	LSR-400
直流电阻 Resistance Ω/km	内导体Inner conductor	26.6	24.94	17.59	10.05	6.96	3.07
	外导体 Outer conductor	31.2	16.08	16.08	12.76	7.25	5.41
绝缘电阻Insulation resistance (MΩ.km)		5000					
介电强度Dielectric strength (kV)		1.6					
速率Rate(%)		66	80	83	85	86	87
额定峰值功率Power(kW)		0.6	2.5	2.5	5.6	10	16
特性阻抗 Impedance (Ω)		50±2					
驻波比 SWR (0~2500MHz)		≤1.2					
耐压Withstand voltage V(DC)		500	1000	1000	1500	2000	2500
电容Capacitance(pF/m)		101.1	79.7	80.4	79.4	79.1	78.4

LSR系列射频同轴电缆
LMR Series Of RF Coaxial Cable

●产品最大衰减 (Attenuation constant) dB / 100m

频 率 Frequency(MHz)	LSR-100A	LSR-195	LSR-200	LSR-240	LSR-300	LSR-400
30	12.9	6.5	5.8	4.4	3.5	2.2
50	16.7	8.4	7.5	5.7	4.5	2.9
100	23.8	12.0	10.8	8.2	6.5	4.3
150	29.4	14.6	13.1	9.9	7.9	5.0
220	35.8	17.7	15.9	12.0	9.6	6.1
350	45.0	21.6	18.8	16.2	12.2	8.0
400	48.6	23.5	21.1	17.2	13.0	8.6
450	51.9	25.5	22.8	17.3	13.8	8.9
500	53.9	26.2	23.4	18.7	14.4	9.5
600	59.1	28.8	25.8	20.3	15.7	10.3
800	69.5	33.9	30.3	23.4	18.5	12.0
900	74.9	36.5	32.6	24.8	19.9	12.8
1000	78.9	38.2	33.8	25.9	21.3	13.9
1200	87.1	41.5	36.6	28.1	24.0	15.8
1500	98.7	47.7	42.4	32.4	26.0	16.8
1800	109.0	52.5	46.6	35.6	28.7	18.6
2000	115.5	55.4	49.3	37.7	30.3	19.6
2100	118.8	56.9	50.6	38.8	31.4	20.3
2500	130.6	62.4	55.4	42.4	34.2	22.2
2800	139.1	66.5	59.0	45.3	36.7	24.1
3000	143.8	68.9	61.3	47.1	38.2	25.0

SYWV-75系列射频同轴电缆
SYWV-75 Series Of Foam Polyethylene Insulated RF Coaxial Cable

●产品使用说明(Product description)

本产品主要依据SJ/T11138—1997《电缆分配系统用物理发泡聚乙烯绝缘同轴电缆》而设计制造的，电缆具有均匀的特性阻抗、低损耗、低传输延迟、最小衰减等特性。

The products is manufactured according to the standards of SJ/T11138—1997. The cables has the low loss, low delay, minimum attenuation properties.

该产品主要适用于1GHz以下闭路电视系统、共用天线电视系统、有线电视系统作分支线和用户线及其它电子装置等。

The product is mainly applied to the closed-circuit television system, community antenna television system, CATV system branch line and user line and other electronic devices below 1GHz。

●产品结构尺寸(Product structure)mm

电缆型号 Type	内导体 Inner conductor		绝缘 Insulation	外导体 Outer conductor		护套 Jacket	
	材料 Material	根数×直径 Roots×Diameter	外 径 Diameter	材 料 Material	型 式 Form	厚 度 Thickness	外 径 Diameter
SYWV(Y)-75-3	软铜线或铜包钢线 Copper or CCS	1×0.60	3.00	镀锡铜线或合金线编织 Tinned or Alloy wire	单层编织+铝箔 Single Braid+Al	0.70	5.00
SYWV(Y)-75-5	软铜线或铜包钢线 Copper or CCS	1×1.02	4.80	镀锡铜线或合金线编织 Tinned or Alloy wire	单层编织+铝箔 Single Braid+Al	0.88	7.20
SYWV(Y)-75-7	软铜线或铜包钢线 Copper or CCS	1×1.66	7.25	镀锡铜线或合金线编织 Tinned or Alloy wire	单层编织+铝箔 Single Braid+Al	1.05	10.30
SYWV(Y)-75-9	软铜线或铜包钢线 Copper or CCS	1×2.15	9.00	镀锡铜线或合金线编织 Tinned or Alloy wire	单层编织+铝箔 Single Braid+Al	1.15	12.30
SYWV(Y)-75-12	软铜线或铜包钢线 Copper or CCS	1×2.77	11.50	镀锡铜线或合金线编织 Tinned or Alloy wire	单层编织+铝箔 Single Braid+Al	1.30	15.0

SYWV-75系列射频同轴电缆
SYWV-75 Series Of Foam Polyethylene Insulated RF Coaxial Cablele

●产品电气性能(Electrical properties)

项目 Item		SYWV(Y)-75-3	SYWV(Y)-75-5	SYWV(Y)-75-7	SYWV(Y)-75-9	SYWV(Y)-75-12
特性阻抗Impedance (Ω)		75±3	75±3	75±3	75±3	75±3
额定电容Capacitance (pF/m)		55.0	55.8	52.4	50.8	51.0
线芯最小介电强度 Dielectric strength (kV)		1.6	1.6	1.6	1.6	1.6
最小绝缘电阻Insulation resistance (MΩ.km)		5000	5000	5000	5000	5000
额定速比 Rate		0.81	0.80	0.85	0.87	0.88
内导体直流电阻 Resistance (Ω/km)	裸铜 Bare copper	62.1	21.96	8.00	4.80	3.10
	铜包钢 Copper cover steel	218.8	74.12	28.3	–	15.10
	铜包铝 Copper cover aluminum	–	–	–	7.60	4.61
最低弯曲温度 Min.Bending temperature℃		-15	-15	-15	-15	-15

●产品最大衰减 (Attenuation constant) dB / 100m

型号 Type	频 率 (MHz) Frequency					
	50 MHz	200 MHz	400 MHz	550 MHz	800 MHz	1000 MHz
SYWV(Y)-75-3	9.5	19.0	29.5	36.3	43.2	53.1
SYWV(Y)-75-5	4.8	9.7	13.5	16.8	20.3	24.5
SYWV(Y)-75-7	3.2	6.4	8.1	10.7	13.3	14.8
SYWV(Y)-75-9	2.4	5.0	6.2	8.5	10.4	12.0
SYWV(Y)-75-12	1.9	3.9	5.1	6.7	8.2	9.8

RG系列75Ω发泡射频同轴电缆
RG Series Of 75ΩFoam Polyethylene Insulated RF Coaxial Cable

●产品使用说明(Product description)

本产品主要依据ANSI/SCTE 74 2003《75Ω柔软编织型射频同轴引入电缆规范》而设计制造的，电缆具有均匀的特性阻抗、低损耗、最小衰减等优良的输特性。电缆最高发泡度可以达到75%，不含极性分子残留物，介质内微孔均匀且密闭，发泡层不透水不透气，确保了电缆性能稳定与较长的使用寿命。

The products is manufactured according to the standards of ANSI/SCTE 74 2003,it has the low loss, low delay, minimum attenuation properties. The cable foaming degree can reach 75%, the foaming layer of impermeable impermeable, ensure the cable's performance and service life.

该产品主要适用于宽带传输有线电视网络用户线，用于传输射频信号以及语音、数据和视频能量，频率范围从5MHz到1000MHz，可以为双向传输的网络提供可靠的传输及防干扰效果。

The product is mainly suitable for broadband transmission CATV network subscriber line, for the transmission of radio frequency signals as well as voice, data and video energy, frequency range from 5MHz to 1000MHz, it can provide reliable transmission and interference for bidirectional transmission network.

●产品结构尺寸(Product structure)mm

电缆型号 Type	内导体 Inner conductor		绝缘 Insulation	外导体 Outer conductor		护套 Jacket	
	材料 Material	根数×直径 Roots×Diameter	外径 Diameter	形式 Form	外径 Diameter	厚度 Thickness	外径 Diameter
RG59 (2P)	铜包钢线 Copper cover steel	1×0.81	3.66	铝箔+编织 AL+Braid	4.36	0.87	6.10
RG59 (3P)	铜包钢线 Copper cover steel	1×0.81	3.66	铝箔+编织+铝箔 Al+Braid+Al	4.56	0.82	6.20
RG59 (4P)	铜包钢线 Copper cover steel	1×0.81	3.66	铝箔+编织+铝箔+编织 Al+Braid+Al	5.06	0.84	6.70
RG6 (2P)	铜包钢线 Copper cover steel	1×1.02	4.57	铝箔+编织 Al+Braid	5.27	0.83	6.90
RG6 (3P)	铜包钢线 Copper cover steel	1×1.02	4.57	铝箔+编织+铝箔 Al+Braid+Al	5.47	0.79	7.10
RG6 (4P)	铜包钢线 Copper cover steel	1×1.02	4.57	铝箔+编织+铝箔+编织 Al+Braid+Al+Braid	5.97	0.78	7.60
RG7 (2P)	铜包钢线 Copper cover steel	1×1.30	5.72	铝箔+编织 Al+Braid	6.42	0.84	8.10
RG7 (3P)	铜包钢线 Copper cover steel	1×1.30	5.72	铝箔+编织+铝箔 Al+Braid+Al	6.62	0.79	8.20
RG7 (4P)	铜包钢线 Copper cover steel	1×1.30	5.72	铝箔+编织+铝箔+编织 Al+Braid+Al+Braid	7.12	0.76	8.60
RG11 (2P)	铜包钢线 Copper cover steel	1×1.63	7.11	铝箔+编织 Al+Braid	7.81	1.17	10.20
RG11 (3P)	铜包钢线 Copper cover steel	1×1.63	7.11	铝箔+编织+铝箔 Al+Braid+Al	8.01	1.07	10.30
RG11 (4P)	铜包钢线 Copper cover steel	1×1.63	7.11	铝箔+编织+铝箔+编织 Al+Braid+Al+Braid	8.51	0.92	10.40

RG系列75Ω发泡射频同轴电缆
RG Series Of 75ΩFoam Polyethylene Insulated RF Coaxial Cable

●产品电气性能(Electrical properties)

项目 Type	RG59	RG6	RG7	RG11
特性阻抗 Impedance (Ω)	75±3	75±3	75±3	75±3
额定电容Capacitance(pF/m)	53	53	53	53
最小介电强度Dielectric strength (kV)	1.6	1.6	1.6	1.6
最小绝缘电阻Insulation resistance (MΩ.km)	5000	5000	5000	5000
额定速比Rate	0.83	0.85	0.85	0.85
20℃内导体直流电阻Resistance(Ω/km)	161.4	102.0	65.9	40.4
最低弯曲温度 Min.Bending temperature(℃)	-15	-15	-15	-15

●产品最大衰减 (Attenuation constant) dB / 100m

频率 Frequency(MHz)	RG59	RG6	RG7	RG11
5	2.82	1.90	1.54	1.25
55	6.73	5.25	4.10	3.15
211	12.47	10.00	7.74	6.23
250	13.45	10.82	8.40	6.72
270	13.85	11.04	8.78	7.00
300	14.60	11.64	9.25	7.38
330	15.29	12.26	9.72	7.71
350	15.75	12.63	10.01	7.94
400	16.73	13.61	10.73	8.53
450	17.72	14.43	11.35	9.02
500	18.70	15.29	12.04	9.51
550	19.52	16.08	12.63	9.97
600	20.34	16.73	13.28	10.43
750	22.87	18.54	14.99	11.97
870	24.85	20.04	16.28	13.31
1000	26.64	21.49	17.45	14.27

SFF系列实芯氟塑料绝缘射频同轴电缆
SFF Series Of Solid Fluoroplastic Insulated RF Coaxial Cable

●产品使用说明(Product description)

该产品是根据SJ1563-1980设计制造的，主要用于高温条件下无线电通讯、广播和有关电子设备中传输射频信号。

The products is manufactured according to the standards of SJ1563-1980,mainly used for the transmission of radio frequency signals in radio communication, radio and electronic equipment under the condition of high temperature.

电缆具有均匀的特性阻抗、低损耗、低传输延迟、最小衰减等特性。

The cable has the uniform characteristic impedance, low loss, low delay, minimum attenuation properties.

●产品结构尺寸(Product structure)mm

型号 Type	内导体 Inner conductor		绝缘 Insulation	外导体 Outer conductor		护套 Jacket	
	材料 Material	根数×直径 Roots×Diameter	外径 Diameter	材料 Material	型 式 Form	厚 度 Thickness	外 径 Diameter
SFF-50-1	镀银铜线 Silver copper	7/0.10	0.87	镀银铜线 Silver copper	单层编织 Single Braid	0.15	1.80
SFF-50-1.5-1	镀银铜线 Silver copper	7/0.18	1.50	镀银铜线 Silver copper	单层编织 Single Braid	0.18	2.55
SFF-50-1.5-2	镀银铜线 Silver copper	7/0.18	1.50	镀银铜线 Silver copper	双层编织 Double Braid	0.18	3.20
SFF-50-2-1	镀银铜线 Silver copper	1/0.73	2.20	镀银铜线 Silver copper	单层编织 Single Braid	0.18	3.30
SFF-50-2-2	镀银铜线 Silver copper	1/0.73	2.20	镀银铜线 Silver copper	双层编织 Double Braid	0.18	4.00
SFF-50-3-1	镀银铜线 Silver copper	1/0.93	3.0	镀银铜线 Silver copper	单层编织 Single Braid	0.23	4.50
SFF-50-3-2	镀银铜线 Silver copper	1/0.93	3.0	镀银铜线 Silver copper	双层编织 Double Braid	0.23	5.50
SFF-75-1	镀银铜线 Silver copper	1/0.17	0.87	镀银铜线 Silver copper	单层编织 Single Braid	0.15	1.80
SFF-75-1.5-1	镀银铜线 Silver copper	7/0.10	1.50	镀银铜线 Silver copper	单层编织 Single Braid	0.18	2.55
SFF-75-1.5-2	镀银铜线 Silver copper	7/0.10	1.50	镀银铜线 Silver copper	双层编织 Double Braid	0.18	3.20
SFF-75-3-1	镀银铜线 Silver copper	1/0.55	3.0	镀银铜线 Silver copper	单层编织 Single Braid	0.23	4.50
SFF-75-3-2	镀银铜线 Silver copper	1/0.55	3.0	镀银铜线 Silver copper	双层编织 Double Braid	0.23	5.50

SFF系列实芯氟塑料绝缘射频同轴电缆
SFF Series Of Solid Fluoroplastic Insulated RF Coaxial Cable

●产品电气性能(Electrical properties)

型号 Type	特性阻抗 Impedance Ω	介电强度 Dielectric strength kV	电容 Capacitancep F/m	速比 Rate	绝缘电阻 Insulation resistance MΩ·km
SFF-50-1	50±3.5	1.2	94	0.7	5000
SFF-50-1.5-1	50±2.5	2.0	94	0.7	5000
SFF-50-1.5-5	50±2.5	2.0	94	0.7	5000
SFF-50-2-1	50±2.5	3.0	94	0.7	5000
SFF-50-2-2	50±2.5	3.0	94	0.7	5000
SFF-50-3-1	50±2.5	4.2	94	0.7	5000
SFF-50-3-2	50±2.5	4.2	94	0.7	5000
SFF-75-1	75±5	1.0	63	0.7	5000
SFF-75-1.5-1	75±3	1.8	63	0.7	5000
SFF-75-1.5-2	75±3	1.8	63	0.7	5000
SFF-75-3-1	75±3	3.6	63	0.7	5000
SFF-75-3-3	75±3	3.6	63	0.7	5000

●产品最大衰减 (Attenuation constant) dB / 100m

型号 Type	频 率 (MHz) Frequency						
	30MHz	200MHz	400MHz	1000MHz	1500MHz	2000MHz	3000MHz
SFF-50-1	33.3	85.1	118.8	190.7	225.2	270.8	340.4
SFF-50-1.5-1	19.2	50.5	70.5	115.4	155.5	175.6	200.1
SFF-50-1.5-2	19.2	50.5	70.5	115.4	155.5	175.6	200.1
SFF-50-2-1	12.4	31.3	43.6	71.7	86.2	102.6	127.4
SFF-50-2-2	12.4	31.3	43.6	71.7	86.2	102.6	127.4
SFF-50-3-1	8.6	23.2	32.4	52.7	63.6	75.8	95.7
SFF-50-3-2	8.6	23.2	32.4	52.7	63.6	75.8	95.7
SFF-75-1	28.4	74.6	100.5	185.4	215.5	240.7	290.8
SFF-75-1.5-1	20.6	50.8	70.6	115.8	155.8	175.9	200.4
SFF-75-1.5-2	19.2	50.5	70.5	115.4	155.5	175.6	200.1
SFF-75-3-1	19.2	50.5	70.5	115.4	155.5	175.6	200.1
SFF-75-3-2	8.6	23.2	32.4	52.7	63.6	75.8	95.7

RG系列实芯氟塑料绝缘射频同轴电缆
RG Series Of Solid Fluoroplastic Insulated RF Coaxial Cable

●产品使用说明(Product description)

该产品是根据MIL-C-17设计制造的，主要用于高温条件下无线电通讯、广播和有关电子设备中传输射频信号。

The products is manufactured according to the standards of MIL-C-17,mainly used for the transmission of radio frequency signals in radio communication, radio and electronic equipment under the condition of high temperature.

电缆具有均匀的特性阻抗、低损耗、低传输延迟、最小衰减等特性。

The cable has the uniform characteristic impedance, low loss, low delay, minimum attenuation properties.

●产品结构尺寸(Product structure)mm

型号 Type	内导体 Inner conductor		绝缘 Insulation	外导体 Outer conductor		护套 Jacket	
	材料 Material	根数×直径 Roots×Diameter	外径 Diameter	形式 Form	外径 Diameter	厚度 Thickness	外径 Diameter
RG-178/U	镀银铜线 Silver copper	7/0.10	0.84	镀银铜线 Silver copper	单层编织 Single Braid	0.20	1.80
RG-179/U	镀银铜线 Silver copper	7/0.10	1.50	镀银铜线 Silver copper	单层编织 Single Braid	0.20	2.53
RG-180/U	镀银铜线 Silver copper	7/0.10	2.59	镀银铜线 Silver copper	单层编织 Single Braid	0.20	3.58
RG-316/U	镀银铜线 Silver copper	7/0.17	1.50	镀银铜线 Silver copper	单层编织 Single Braid	0.20	2.50
RG-302/U	镀银铜线 Silver copper	1/0.65	3.70	镀银铜线 Silver copper	单层编织 Single Braid	0.30	5.13
RG-303/U	镀银铜线 Silver copper	1/0.93	3.00	镀银铜线 Silver copper	单层编织 Single Braid	0.20	4.32
RG-141/U	镀银铜线 Silver copper	1/0.94	2.95	镀银铜线 Silver copper	单层编织 Single Braid	0.20	4.32
RG-142/U	镀银铜线 Silver copper	1/0.94	2.95	镀银铜线 Silver copper	双层编织 Double Braid	0.20	4.95
RG-304/U	镀银铜线 Silver copper	1/1.49	4.70	镀银铜线 Silver copper	双层编织 Double Braid	0.30	7.08
RG-393/U	镀银铜线 Silver copper	1/2.38	7.24	镀银铜线 Silver copper	双层编织 Double Braid	0.35	9.91
RG-400/U	镀银铜线 Silver copper	19/0.20	3.00	镀银铜线 Silver copper	双层编织 Double Braid	0.30	4.93
RG-404/U	镀银铜线 Silver copper	7/0.10	0.91	镀银铜线 Silver copper	单层编织 Single Braid	0.20	1.85

RG系列实芯氟塑料绝缘射频同轴电缆
RG Series Of Solid Fluoroplastic Insulated RF Coaxial Cable

●产品电气性能(Electrical properties)

型号 Type	特性阻抗 Impedance Ω	介电强度 Dielectric strength kV	电容 Capacitancep F/m	速比 Rate	绝缘电阻 Insulation resistance MΩ·km
RG-178/U	50±2	2.0	100	0.7	5000
RG-179/U	75±3	2.0	63	0.7	5000
RG-180/U	95±5	2.0	55	0.7	5000
RG-316/U	50±2	2.0	100	0.7	5000
RG-302/U	75±3	1.0	67	0.7	5000
RG-303/U	50±2	5.0	100	0.7	5000
RG-141/U	50±2	5.0	100	0.7	5000
RG-142/U	50±2	5.0	100	0.7	5000
RG-304/U	50±2	5.0	100	0.7	5000
RG-393/U	50±2	7.5	100	0.7	5000
RG-400/U	50±2	3.0	100	0.7	5000
RG-404/U	50±2	1.5	100	0.7	5000

●产品最大衰减 (Attenuation constant) dB / 100m

型号 Type	频 率 (MHz) Frequency				
	50MHz	100MHz	400MHz	1000MHz	3000MHz
RG-178/U	38.1	52.6	108.4	170.8	308.7
RG-179/U	18.9	26.2	69.0	155.0	200.0
RG-180/U	18.5	24.0	55.8	136.0	178.0
RG-316/U	24.6	36.1	53.1	85.6	153.2
RG-302/U	8.6	13.6	26.3	52.4	85.4
RG-303/U	8.9	13.8	28.3	49.3	92.0
RG-141/U	8.9	13.8	28.3	49.3	92.0
RG-142/U	8.9	13.8	28.3	49.3	92.0
RG-304/U	5.9	8.9	21.0	36.5	131.4
RG-393/U	5.6	8.5	16.5	59.1	147.8
RG-400/U	10.5	14.8	34.5	55.8	124.8
RG-404/U	45.2	95.6	164.2	226.4	372.0

高温微同轴电缆
High-temperature micro Coaxial Cable

●产品使用说明(Product description)

该产品主要用于高温条件下无线电通讯、电子网络、医疗仪器及其它有关电子设备中传输射频信号。

The product is mainly used for the transmission of radio frequency signals in electronic network, radio communication, medical equipment and other related electronic equipment under the condition of high temperature.

电缆具有均匀的特性阻抗、低损耗、低传输延迟、最小衰减等特性。

The cable has the uniform characteristic impedance, low loss, low delay, minimum attenuation properties.

●产品结构尺寸(Product structure)mm

型号 Type	内导体 Inner conductor		绝缘 Insulation	外导体 Outer conductor		护套 Jacket	
	材料 Material	根数×直径 Roots×Diameter	外径 Diameter	形式 Form	外径 Diameter	厚度 Thickness	外径 Diameter
RF-0.81	镀银铜线 Silver copper	7/0.05	0.42	镀银铜线 Silver copper	单层编织 Single Braid	0.10	0.81
RF-0.81	镀锡铜线 Tinned copper	7/0.05	0.42	镀锡铜线 Tinned copper	单层编织 Single Braid	0.10	0.81
RF-0.98	镀银铜线 Silver copper	7/0.064	0.53	镀银铜线 Silver copper	单层编织 Single Braid	0.12	0.98
RF-0.98	镀锡铜线 Tinned copper	7/0.064	0.53	镀锡铜线 Tinned copper	单层编织 Single Braid	0.12	0.98
RF-1.13	镀银铜线 Silver copper	7/0.08	0.68	镀银铜线 Silver copper	单层编织 Single Braid	0.12	1.13
RF-1.13	镀锡铜线 Tinned copper	7/0.08	0.68	镀锡铜线 Tinned copper	单层编织 Single Braid	0.12	1.13
RF-1.32	镀银铜线 Silver copper	7/0.08	0.68	镀银铜线 Silver copper	双层编织 Double Braid	0.12	1.32
RF-1.32	镀锡铜线 Tinned copper	7/0.08	0.68	镀锡铜线 Tinned copper	双层编织 Double Braid	0.12	1.32
RF-1.37	镀银铜线 Silver copper	7/0.10	0.88	镀银铜线 Silver copper	单层编织 Single Braid	0.18	1.37
RF-1.37	镀锡铜线 Tinned copper	7/0.10	0.88	镀锡铜线 Tinned copper	单层编织 Single Braid	0.18	1.37

高温微同轴电缆
High-temperature micro Coaxial Cable

●产品电气性能(Electrical properties)

型号 Type	特性阻抗 Impedance Ω	介电强度 Dielectric strength kV	电容 Capacitancep F/m	速比 Rate	绝缘电阻 Insulation resistance MΩ・km
RF-0.81(SC)	50±2	1.0	98	0.7	5000
RF-0.81(TC)	50±2	1.0	98	0.7	5000
RF-0.98(SC)	50±2	1.0	98	0.7	5000
RF-0.98(TC)	50±2	1.0	98	0.7	5000
RF-1.13(SC)	50±2	1.0	98	0.7	5000
RF-1.13(TC)	50±2	1.0	98	0.7	5000
RF-1.32(SC)	50±2	1.0	98	0.7	5000
RF-1.32(TC)	50±2	1.0	98	0.7	5000
RF-1.37(SC)	50±2	1.0	98	0.7	5000
RF-1.37(TC)	50±2	1.0	98	0.7	5000

●产品最大衰减 (Attenuation constant) dB / 100m

型号 Type	频 率 (MHz) Frequency					
	1000MHz	2000MHz	3000MHz	4000MHz	5000MHz	6000 MHz
RF-0.81(SC)	310	450	580	700	800	940
RF-0.81(TC)	340	500	640	770	880	1030
RF-0.98(SC)	280	410	530	640	730	820
RF-0.98(TC)	310	450	590	700	800	900
RF-1.13(SC)	230	310	390	460	510	580
RF-1.13(TC)	250	340	430	510	560	640
RF-1.32(SC)	230	310	390	460	510	580
RF-1.32(TC)	250	340	430	510	560	640
RF-1.37(SC)	170	250	300	350	400	450
RF-1.37(TC)	190	280	330	390	440	500

实芯氟塑料绝缘半刚（半硬）射频同轴电缆

Solid fluoroplastics insulated semi-rigid coaxial cable

●产品使用说明(Product description)

实芯聚四氟乙烯绝缘半硬（半刚）同轴电缆是参照GB/T17737.2—2000及MIL-C-17设计生产的，主要适用于无线电通讯设备中，固定敷设的高频率超高额传输线，广泛用于军工、石化、矿山、冶金、核电工业。

The products is manufactured according to the standards of GB/T17737.2-2000 and MIL-C-17, mainly used in radio comm--unication equipment, high frequency ultra high transmission line laying, they are widely used in military, petrochemical, mining, metallurgy, nuclear power industry.

电缆具有均匀的特性阻抗、低损耗、低传输延迟、最小衰减、最小驻波比等特性。

The cable has the uniform characteristic impedance, low loss, low delay, minimum attenuation properties.

●产品结构尺寸(Product structure)mm

型号 Type	内导体 Inner conductor		绝缘外径 Insulation Diameter	外导体 Outer conductor		电缆外径 Diameter
	材料 Material	结构 Structure		材料 Material	壁厚 Thickness	
SFT-50-2 RG405	镀银铜包钢 Silver plated copper clad steel	1/0.52	1.67	铜管 Copper tubing	0.25	2.18
SFT-50-3 RG402	镀银铜包钢 Silver plated copper clad steel	1/0.93	3.00	铜管 Copper tubing	0.30	3.58
SFT-50-5 RG401	镀银铜包钢 Silver plated copper clad steel	1/1.48	4.60	铜管 Copper tubing	0.40	5.40
SFT-75-3	镀银铜包钢 Silver plated copper clad steel	1/0.52	3.00	铜管 Copper tubing	0.30	3.28
LT50-141	镀银铜线 Silver copper	1/0.93	3.00	铜管 Copper tubing	0.3	3.58
LT50-250	镀银铜线 Silver copper	1/1.63	5.30	铜管 Copper tubing	0.50	6.35
LT75-141	镀银铜包钢 Silver plated copper clad steel	1/0.52	2.98	铜管 Copper tubing	0.30	3.58
LT75-250	镀银铜线 Silver copper	1/0.91	5.44	铜管 Copper tubing	0.5	6.35
LT35-141	镀银铜线 Silver copper	1/1.29	2.98	铜管 Copper tubing	0.3	3.58
LT35-250	镀银铜线 Silver copper	1/2.30	5.31	铜管 Copper tubing	0.5	6.35
LT25-090	镀银铜线 Silver copper	1/1.02	1.85	铜管 Copper tubing	0.2	2.29
LT25-141	镀银铜线 Silver copper	1/1.63	2.98	铜管 Copper tubing	0.30	3.58

铜管可以采用裸铜管或镀锡铜管或镀合金铜管，也可根据需要采用其它合金管！

Copper tubing can be used Bare copper or tinned copper tube or alloy plating copper tube, also may according to need to use other alloy tube!

实芯氟塑料绝缘半刚（半硬）射频同轴电缆

Solid fluoroplastics insulated semi-rigid coaxial cable

●产品电气性能(Electrical properties)

型 号 Type	特性阻抗 Impedance Ω	绝缘耐压 Withstand voltage kV	电容 Capacitancep F/m	速比 Rate	绝缘电阻 Insulation resistance MΩ・km
SFT-50-2(RG405)	50±1	1.2	96	0.7	5000
SFT-50-3(RG402)	50±1	2.0	96	0.7	5000
SFT-50-5(RG401)	50±1	3.0	96	0.7	5000
SFT-75-3	75±2	2.0	63	0.7	5000
LT50-141	50±1	2.0	96	0.7	5000
LT50-250	75±2	3.0	96	0.7	5000
LT75-141	75±2	2.0	63	0.7	5000
LT75-250	75±2	3.0	63	0.7	5000
LT35-141	35±2	2.0	136	0.7	5000
LT35-250	35±2	3.0	136	0.7	5000
LT25-090	25±2	1.3	190	0.7	5000
LT25-141	25±2	2.0	190	0.7	5000

●产品最大衰减 (Attenuation constant) dB / 100m

型号 Type	20℃衰减常数 Attenuation constant at 20℃							
	0.5G	1G	2G	5G	10G	15G	18G	20G
SFT-50-2(RG405)	55	78	113	185	270	380	440	470
SFT-50-3(RG402)	27	38	56	94	140	180	210	225
SFT-50-5(RG401)	19	27	42	77	118	152	171	189
SFT-75-3	28	40	58	98	145	185	215	230
LT50-141	27	38	56	94	140	180	210	225
LT50-250	17	24	39	72	110	140	160	175
LT75-141	29	41	60	101	151	194	226	242
LT75-250	18	26	42	77	118	151	172	188
LT35-141	26	36	53	89	133	171	200	214
LT35-250	16	23	37	68	105	133	152	166
LT25-090	48	67	97	159	231	326	377	403
LT25-141	24	34	51	85	126	162	190	203

实芯氟塑料绝缘半柔射频同轴电缆

Solid fluoroplastics insulated semi-soft coaxial cable

●产品使用说明（Product des cription）

实芯聚四氟乙烯绝缘半柔同轴电缆，基本上可以替代半刚电缆，主要适用于无线电通讯设备中，固定敷设的高频率超高额传输线，广泛用于军工、石化、矿山、冶金、核电工业。

mainly used in radio communication equipment, high frequency ultra high transmission line laying, they are widely used in military, petrochemical, mining, metallurgy, nuclear power industry.

电缆具有易加工、柔性好、阻抗均匀、低损耗、低驻波比等特性。

The cable has the uniform characteristic impedance, low loss, low delay, minimum attenuation properties.

●产品结构尺寸(Product structure)mm

型号 Type	内导体 Inner conductor		绝缘外径 Insulation Diameter	外导体 Outer conductor		电缆护套(若有)外径 Diameter	
	材料 Material	结构 Structure		材料 Material	浸锡外径 Immersion tin diameter	FEP	PVC、LSZH
SFX-50-2	镀银铜包钢 Silver plated copper clad steel	1/0.52	1.68	镀锡铜丝 Tinned copper	2.15	2.65	2.80
SFX-50-3	镀银铜包钢 Silver plated copper clad steel	1/0.93	3.00	镀锡铜丝 Tinned copper	3.52	4.15	4.50
SFX-50-5	镀银铜包钢 Silver plated copper clad steel	1/1.48	4.60	镀锡铜丝 Tinned copper	5.40	6.00	6.50
SFX-75-3	镀银铜包钢 Silver plated copper clad steel	1/0.52	3.00	镀锡铜丝 Tinned copper	3.52	4.15	4.50
LX50-086	镀银铜包钢 Silver plated copper clad steel	1/0.52	1.68	镀锡铜丝 Tinned copper	2.15	2.65	2.65
LX50-141	镀银铜线 Silver copper	1/0.93	3.00	镀锡铜丝 Tinned copper	3.52	4.15	4.50
LX50-250	镀银铜线 Silver copper	1/1.63	5.30	镀锡铜丝 Tinned copper	6.20	7.00	7.20
LX75-086	镀银铜包钢 Silver plated copper clad steel	1/0.30	1.68	镀锡铜丝 Tinned copper	2.15	2.65	2.80
LX75-141	镀银铜包钢 Silver plated copper clad steel	1/0.52	2.98	镀锡铜丝 Tinned copper	3.52	4.15	4.50
LX75-250	镀银铜线 Silver copper	1/0.91	5.44	镀锡铜丝 Tinned copper	6.20	7.00	7.20
LX35-141	镀银铜线 Silver copper	1/1.29	2.98	镀锡铜丝 Tinned copper	3.52	4.15	4.50
LX35-250	镀银铜线 Silver copper	1/2.30	5.31	镀锡铜丝 Tinned copper	6.20	7.00	7.20
LX25-086	镀银铜线 Silver copper	1/0.92	1.68	镀锡铜丝 Tinned copper	2.15	2.65	2.80
LX25-141	镀银铜线 Silver copper	1/1.63	2.98	镀锡铜丝 Tinned copper	3.52	4.15	4.50

实芯氟塑料绝缘半柔射频同轴电缆

Solid fluoroplastics insulated semi-soft coaxial cable

●产品电气性能 (Electrical properties)

型 号 Type	特性阻抗 Impedance Ω	绝缘耐压 Withstand voltagekV	电容 Capacitancep F/m	速比 Rate	绝缘电阻 Insulation resistance MΩ・km
SFX-50-2	50±1	1.2	96	0.7	5000
SFX-50-3	50±1	2.0	96	0.7	5000
SFX-50-5	50±1	3.0	96	0.7	5000
SFX-75-3	75±2	2.0	63	0.7	5000
LX50-086	50±1	3.0	96	0.7	5000
LX50-141	50±1	2.0	96	0.7	5000
LX50-250	50±1	1.2	96	0.7	5000
LX75-086	75±2	1.2	63	0.7	5000
LX75-141	75±2	2.0	63	0.7	5000
LX75-250	75±2	3.0	63	0.7	5000
LX35-141	35±2	2.0	136	0.7	5000
LX35-250	35±2	3.0	136	0.7	5000
LX25-086	25±2	1.2	190	0.7	5000
LX25-141	25±2	2.0	190	0.7	5000

●产品最大衰减(Attenuation constant)dB / 100m

型号 Type	20℃衰减常数 Attenuation constant at 20℃							
	0.5G	1G	2G	5G	10G	15G	18G	20G
SFX-50-2	55	78	113	185	270	380	440	470
SFX-50-3	27	38	56	94	140	180	210	225
SFX-50-5	19	27	42	77	118	152	171	189
SFX-75-3	28	40	58	98	145	185	215	230
LX50-086	55	78	113	185	270	380	440	470
LX50-141	27	38	56	94	140	180	210	225
LX50-250	17	24	39	72	110	140	160	175
LX75-086	58	81	116	188	273	383	443	473
LX75-141	29	41	60	101	151	194	226	242
LX75-250	18	26	42	77	118	151	172	188
LX35-141	26	36	53	89	133	171	200	214
LX35-250	16	23	37	68	105	133	152	166
LX25-086	50	70	102	167	244	343	397	424
LX25-141	24	34	51	85	126	162	190	203

聚氯乙烯绝缘及护套多芯电缆

PVC Insulated Cable

●产品使用说明(Product description)

聚氯乙烯绝缘单芯电线（电缆）是按照GB/T5023-2008、JB/T8734-2012生产制造的，适用于交流额定电压450/750V及以下电力、控制及布线系统，广泛用于工程建筑、低压线路，高速公路监控、公路照明等。

PVC Insulated Cable is manufactured according to the standards of GB/T5023-2008 ,JB/T8734-2012.The cables is fit for the power and control system with the AC rated voltage 450/750V or below,they can be used in the construction and low line, road lighting.

●产品名称(Product Name)

型 号 Tpye	名 称 Description
60227IEC52（RVV）	轻型聚氯乙烯护套电缆 Light type PVC insulated sheathed soft Cable
60227IEC53（RVV）	普通聚氯乙烯护套电缆 Common type PVC insulated sheathed soft Cable
RVV	聚氯乙烯绝缘聚氯乙烯护套软电缆 PVC insulated sheathed soft Cable
AVVR	聚氯乙烯绝缘及护套安装用电缆 Copper Core PVC insulated sheathed Installation Soft Cable

●产品结构尺寸(Product structure)mm

轻型聚氯乙烯护套电缆60227IEC52（RVV）-300/300V

Light type PVC insulated sheathed soft Cable（RVV）-300/300V

标称截面 Nominal cross mm2	导体结构 Conductor structure mm	绝缘厚度 Thickness mm	电缆参考外径 Diameter (mm)								
			2芯	3芯	4芯	5芯	7芯	8芯	10芯	12芯	14芯
0.5	16/0.20	0.4	5.2	5.5	6.0	6.9	7.5	8.3	9.8	10.1	10.6
0.75	24/0.20	0.4	5.6	5.9	6.5	7.5	8.1	8.95	10.7	11.0	11.5

聚氯乙烯绝缘及护套多芯电缆

PVC Insulated Cable

●产品结构尺寸(Product structure)mm

普通型聚氯乙烯护套电缆60227IEC53（RVV）-300/500V

Common type PVC insulated sheathed soft Cable（RVV）-300/500V

标称截面 Nominal cross mm²	导体结构 Conductor structure mm	绝缘厚度 Thickness mm	电缆参考外径 Diameter (mm)								
			2芯	3芯	4芯	5芯	7芯	8芯	10芯	12芯	14芯
0.75	24/0.20	0.4	6.4	6.7	7.4	8.2	9.1	10.2	12.1	12.0	13.0
1.0	32/0.20	0.4	6.7	7.1	8.0	8.7	9.6	10.8	12.7	12.7	14.0
1.5	30/0.25	0.5	7.7	8.3	9.3	10.4	11.3	12.6	14.8	14.8	16.3
2.5	49/0.25	0.5	9.4	9.9	11.1	12.3	13.4	14.7	17.0	17.6	19.1

聚氯乙烯绝缘及护套安装用电缆 AVVR-300/300V

Copper Core PVC insulated sheathed Installation Soft Cable AVVR-300/300V

标称截面 Nominal cross mm²	导体结构 Conductor structure mm	绝缘厚度 Thickness mm	电缆参考外径 Diameter (mm)								
			2芯	3芯	4芯	5芯	7芯	8芯	10芯	12芯	14芯
0.12	7/0.15	0.4	3.7	3.9	4.2	4.7	5.1	5.4	6.2	6.4	6.8
0.2	12/0.15	0.4	4.0	4.2	4.6	5.1	5.5	5.8	6.8	7.0	7.8
0.3	16/0.15	0.5	4.7	5.0	5.4	5.9	6.4	7.2	8.4	8.7	9.1
0.4	23/0.15	0.5	5.0	5.3	5.7	6.3	6.8	7.7	8.9	9.2	9.7

●产品电气性能(Electrical properties)

标称截面 Nominal cross (mm²)		0.12	0.2	0.3	0.4	0.5	0.75	1.0	1.5	2.5
70℃最小绝缘电阻 Insulation Resistance MΩ.km		0.016	0.014	0.014	0.012	0.12	0.10	0.10	0.09	0.09
20℃最大直流电阻 Resistance Ω/km	铜 Copper	158	92.3	69.2	48.2	39.0	26.0	19.5	13.3	7.98
	镀锡铜 Tinned Copper	163	95.0	71.2	49.6	40.1	26.7	20.0	13.7	8.21

聚氯乙烯绝缘屏蔽软电缆
PVC Sheath Cable

● 产品使用说明(Product description)

聚氯乙烯绝缘屏蔽软电缆是按照JB/T8734.5-2012生产制造的，适用于交流额定电压300/300V及以下电器、仪表和电子设备及自动装置等系统，电缆能抵抗外部环境的电磁干扰。

PVC Sheath Cable is manufactured according to the standards of JB/T8734.5-2012. The cable is fit for the system of AC rated voltage 300/300V and below electrical, instrumentation and electronic equipment and automatic device,it can resist the Electromagnetic interference from external environment.

● 产品名称(Product Name)

型 号 Type	名 称 Description
RVVP	铜芯聚氯乙烯绝缘聚氯乙烯护套编织屏蔽软电缆 Copper Core PVC Insulated sheathed, Shield Soft Cable
RVVPS	铜芯聚氯乙烯绝缘聚氯乙烯护套对绞编织屏蔽软电缆 Copper Core PVC Insulated pair twisted sheathed, Shield Soft Cable

● 产品结构尺寸(Product structure)mm

铜芯聚氯乙烯绝缘聚氯乙烯护套编织屏蔽软电缆RVVP
Copper Core PVC Insulated sheathed, Shield Soft Cable RVVP

标称截面 Nominal cross mm²	导体结构 Conductor structure mm	绝缘厚度 Thickness mm	电缆参考外径 Diameter (mm)								
			2芯	3芯	4芯	5芯	7芯	8芯	10芯	12芯	14芯
0.12	7/0.15	0.4	4.1	4.3	4.8	5.2	5.6	6.1	7.5	7.2	7.9
0.2	12/0.15	0.4	4.4	4.8	5.4	5.8	6.0	6.6	8.1	8.2	8.8
0.3	16/0.15	0.5	5.3	5.6	6.1	6.6	7.1	8.0	9.4	9.6	10.1
0.4	23/0.15	0.5	5.6	5.9	6.4	6.9	7.9	8.4	9.9	10.6	10.7
0.5	16/0.20	0.5	5.8	6.1	6.6	7.2	8.1	8.7	10.6	10.9	11.4
0.75	24/0.20	0.5	6.4	6.7	7.6	8.3	9.1	10.1	11.6	12.3	12.9
1.0	32/0.20	0.6	7.1	7.9	8.6	9.5	10.5	11.3	13.1	13.9	14.5
1.5	30/0.25	0.6	8.1	8.7	9.6	10.6	11.4	12.6	14.6	15.0	16.3
2.5	49/0.25	0.7	9.1	9.9	11.0	12.1	13.5	14.6	17.0	18.0	18.8

聚氯乙烯绝缘屏蔽软电缆
PVC Sheath Cable

●产品结构尺寸(Product structure)mm

铜芯聚氯乙烯绝缘聚氯乙烯护套对绞编织屏蔽软电缆RVVPS
Copper Core PVC Insulated pair twisted sheathed, Shield Soft Cable RVVPS

标称截面 Nominal cross mm²	导体结构 Conductor structure mm	绝缘厚度 Thickness mm	电缆参考外径 Diameter (mm)						
			2对	3对	4对	5对	7对	8对	10对
0.12	7/0.15	0.4	6.4	6.8	7.5	8.8	8.8	9.5	11.0
0.2	12/0.15	0.4	6.9	7.5	8.1	10.2	9.5	10.3	12.0
0.3	16/0.15	0.5	8.1	9.0	9.7	11.2	11.1	11.9	14.2
0.4	23/0.15	0.5	8.6	9.5	10.3	11.6	12.2	12.7	15.5
0.5	16/0.20	0.5	9.1	9.8	10.7	12.6	12.6	13.4	16.1
0.75	24/0.20	0.5	10.0	10.6	11.6	14.5	14.1	15.0	17.6
1.0	32/0.20	0.6	11.3	12.0	13.1	16.0	16.0	17.1	20.3
1.5	30/0.25	0.6	12.3	13.2	14.8	11.2	17.5	19.1	22.4
2.5	49/0.25	0.7	15.0	15.7	17.8	19.6	21.4	23.0	27.5

●产品电气性能(Electrical properties)

标称截面 Nominal cross mm²		0.12	0.2	0.3	0.4	0.5	0.75	1.0	1.5	2.5
70℃最小绝缘电阻 Insulation Resistance MΩ.km		0.016	0.013	0.014	0.013	0.12	0.10	0.10	0.09	0.09
20℃最大直流电阻 Resistance Ω/km	铜 Copper	158	92.3	69.2	48.2	39.0	26.0	19.5	13.3	4.95
	镀锡铜 Tinned Copper	163	95.0	71.2	49.6	40.1	26.7	20.0	13.7	5.09
最小编织层屏蔽密度% Min.Braid density		80								

额定电压450/750V聚氯乙烯绝缘控制电缆
Rated voltage 450/750v PVC insulated control cable

●产品使用说明(Product description)

聚氯乙烯绝缘控制电缆是根据GB/T9330.2-2008标准生产的，电缆适用于交流额定电压450/750V及以下控制、信号、保护及测量系统，主要用于工程建筑、钢铁、石油、化工、电厂等行业。

PVC insulated control cable's production is according to GB/T9330.2-2008 standard , the cable is used for rated ac voltage up to and including 450/750 control, signal, protection and measurement system, is mainly used in the engineering construction, steel, petroleum, chemical industry, power plant,and so on .

电缆工频额定电压U0/U为450/750V，电缆导体的最高允许工作温度为70℃，电缆敷设时环境温度应不低于0℃，若环境温度低于0℃，应对电缆进行预热。

Cable with rated power-frequency voltage U0 / U is 450/750 v,cable conductor's the allowable working temperature is 70 ℃, when the ambient temperature under installation should not below 0 ℃, if the ambient temperature is lower than 0 ℃, the cable need to be preheated..

电缆的推荐允许弯曲半径: 无铠装电缆，应不低于电缆外径的6倍；铠装或铜带屏蔽电缆应不低于电缆外径的12倍；屏蔽软电缆，应不低于电缆外径的6倍。

Permissible bending radius of cable: no armoured cable should be not less than 6 times of cable diameter; Armoured or copper tape screened cable should not less than 12 times of cable diameter; shielding soft cable, should be not less than 6 times of cable diameter.

●产品名称(Product Name):

型 号 Type	名称 Description
KVV	额定电压450/750V铜芯导体聚氯乙烯绝缘和护套控制电缆 Copper conductor PVC insulated and sheathed control cable
KVVP	额定电压450/750V铜芯导体聚氯乙烯绝缘和护套铜线编织屏蔽控制电缆 Copper conductor PVC insulated and sheathed copper wire shield control cable
KVVP2	额定电压450/750V铜芯导体聚氯乙烯绝缘和护套铜带屏蔽控制电缆 Copper conductor PVC insulated and sheathed copper tape screened control cable
KVVP3	额定电压450/750V铜芯导体聚氯乙烯绝缘和护套铝塑带屏蔽控制电缆 Copper conductor PVC insulated and sheath Al-plastic tape screened control cable
KVV22	额定电压450/750V铜芯导体聚氯乙烯绝缘和护套钢带铠装控制电缆 CCopper conductor PVC insulated and sheathed steel tape armored control cable
KVVR	额定电压450/750V铜芯导体聚氯乙烯绝缘和护套控制软电缆 Copper conductor PVC insulated and sheathed flexible control cable
KVVRP	额定电压450/750V铜芯导体聚氯乙烯绝缘和护套铜线编织屏蔽控制软电缆 Copper conductor PVC insulated and sheathed copper wire shield flexible control cable
KVVRP3	额定电压450/750V铜芯导体聚氯乙烯绝缘和护套铝塑复合带绕包屏蔽控制软电缆 Copper conductor PVC insulated and sheath Al-plastic composite tape wrapped shield flexible control cable
KVVP2-22	额定电压450/750V铜芯导体聚氯乙烯绝缘和护套铜带屏蔽钢带铠装控制电缆 Copper conductor PVC insulated and sheathed copper tape shielding steel tape armouring control cable
KVVP22	额定电压450/750V铜芯导体聚氯乙烯绝缘和护套铜丝编织屏蔽控制电缆 Copper conductor PVC insulated and sheathed copper wire shield control cable

额定电压450/750V聚氯乙烯绝缘控制电缆
Rated voltage 450/750v PVC insulated control cable

●产品技术参数(Technical parameters)

导体标称截面 Nom. cross-section of conductor mm^2	导体结构 Conductor structure n/mm	绝缘厚度 Insulation thickness mm	20℃时导体直流电阻 Resistance of conductor at 20℃Max Ω/km		70℃时绝缘电阻 Insulation Resistance at 70℃ MΩ.km
			铜 Bare copper	镀锡 Tinned cooper	
0.5	1/0.80	0.6	39.00	40.10	0.013
0.5	16/0.20	0.6	39.00	40.10	0.013
0.5	28/0.15	0.6	39.00	40.10	0.013
0.75	1/0.97	0.6	24.50	24.80	0.012
0.75	7/0.37	0.6	24.50	24.80	0.014
0.75	24/0.20	0.6	26.00	28.70	0.011
0.75	42/0.15	0.6	26.00	26.70	0.011
1.0	1/1.13	0.6	18.10	18.20	0.011
1.0	7/0.43	0.6	18.10	18.20	0.013
1.0	32/0.20	0.6	19.50	20.00	0.010
1.5	1/1.38	0.7	12.10	12.20	0.011
1.5	7/0.52	0.7	12.10	12.20	0.010
1.5	30/0.25	0.7	13.30	13.70	0.010
1.5	48/0.20	0.7	13.30	13.70	0.010
2.5	1/1.78	0.8	7.41	7.56	0.010
2.5	7/0.68	0.8	7.41	7.56	0.009
2.5	49/0.25	0.8	7.98	8.21	0.009
2.5	77/0.20	0.8	7.98	8.21	0.009
4	1/2.25	0.8	4.61	4.70	0.0085
4	7/0.85	0.8	4.61	4.70	0.0077
6	1/2.76	0.8	3.08	3.11	0.0070
6	7/1.04	0.8	3.08	3.11	0.0065
10	7/1.35	1.0	1.83	1.84	0.0065

额定电压450/750V交联聚乙烯绝缘控制电缆

Rated voltage 450/750v XLPE insulated control cable

●产品使用说明(Product description)

交联聚乙烯绝缘控制电缆是根据GB/T9330.3-2008标准生产的，电缆适用于交流额定电压450/750V及以下控制、信号、保护及测量系统等固定敷设场合，主要用于工程建筑、钢铁、石油、化工、电厂等行业。

XLPE insulated control cable's production is according to GB/T9330.2-2008 standard , the cable is used for rated ac voltage up to and including 450/750control, signal, protection and measurement system, is mainly used in the engineering construction, steel, petroleum, chemical industry, power plant,and so on .

电缆工频额定电压U0/U为450/750V，电缆导体的最高允许工作温度为90℃，电缆敷设时环境温度应不低于0℃，若环境温度低于0℃，应对电缆进行预热。

Cable with rated power-frequency voltage U0 / U is 450/750 v,cable conductor's the allowable working temperature is 90 ℃,when the ambient temperatureunder installation should not below 0 ℃, if the ambient temperature is lower than 0 ℃, the cable need to be preheated.

电缆的推荐允许弯曲半径: 无铠装电缆，应不低于电缆外径的6倍；铠装或铜带屏蔽电缆应不低于电缆外径的12倍；屏蔽软电缆，应不低于电缆外径的6倍。

Permissible bending radius of cable: no armoured cable should be not less than 6 times of cable diameter; Armoured or copper tape screened cable should not less than 12 times of cable diameter; shielding soft cable, should be not less than 6 times of cable diameter.

●产品型号及名称(Product Name)

型 号 Type	名称 Description
KYJV	额定电压450/750V铜芯导体交联聚乙烯绝缘聚氯乙烯护套控制电缆 Copper conductor XLPE insulated PVC sheathed control cable
KYJVP	额定电压450/750V铜芯导体交联聚乙烯绝缘聚氯乙烯护套铜线编织屏蔽控制电缆 Copper conductor XLPE insulated PVC sheathed copper wire shield control cable
KYJVP2	额定电压450/750V铜芯导体交联聚乙烯绝缘聚氯乙烯护套铜带屏蔽控制电缆 Copper conductor XLPE insulated PVC sheathed copper tape screened control cable
KYJVP3	额定电压450/750V铜芯导体交联聚乙烯绝缘聚氯乙烯护套铝塑带屏蔽控制电缆 Copper conductor XLPE insulated PVC sheath Al-plastic tape screened control cable
KYJV22	额定电压450/750V铜芯导体交联聚乙烯绝缘聚氯乙烯护套钢带铠装控制电缆 Copper conductor XLPE insulated PVC sheathed steel tape armored control cable
KYJVP2-22	额定电压450/750V铜芯导体交联聚乙烯绝缘聚氯乙烯护套铜带屏蔽钢带铠装控制电缆 Copper conductor XLPE insulated PVC sheathed copper tape shielding steel tape armouring control cable
KYJY	额定电压450/750V铜芯导体交联聚乙烯绝缘聚烯烃护套控制电缆 Copper conductor XLPE insulated polyolefin sheathed control cable

额定电压450/750V交联聚乙烯绝缘控制电缆

Rated voltage 450/750v XLPE insulated control cable

●产品型号及名称(Product Name)续

型 号 Type	名称 Description
KYJYP	额定电压450/750V铜芯导体交联聚乙烯绝缘聚烯烃护套铜线编织屏蔽控制电缆 Copper conductor XLPE insulated polyolefin sheathed copper wire shield control cable
KYJYP2	额定电压450/750V铜芯导体交联聚乙烯绝缘聚烯烃护套铜带屏蔽控制电缆 Copper conductor XLPE insulated polyolefin sheathed copper tape screened control cable
KYJYP3	额定电压450/750V铜芯导体交联聚乙烯绝缘聚烯烃护套铝塑带屏蔽控制电缆 Copper conductor XLPE insulated polyolefin sheath Al-plastic tape screened control cable
KYJY22	额定电压450/750V铜芯导体交联聚乙烯绝缘聚烯烃护套钢带铠装控制电缆 Copper conductor XLPE insulated polyolefin sheathed steel tape armored control cable
KYJYP2-22	额定电压450/750V铜芯导体交联聚乙烯绝缘聚烯烃护套铜带屏蔽钢带铠装控制电缆 Copper conductor XLPE insulated polyolefin sheathed copper tape shielding steel tape armouring control cable

●产品技术参数(Technical parameters)

导体标称截面 Nom.cross-section of conductor mm²	导体结构 Conductor structure n/mm	绝缘厚度 Insulation thickness mm	20℃时导体直流电阻 Resistance of conductor at 20℃Max Ω/km		90℃时绝缘电阻 Insulation Resistance at 90℃ MΩ.km
			不镀锡 Bare copper	镀锡 Tinned cooper	
0.75	1/0.97	0.6	24.5	24.8	1.2
0.75	7/0.37	0.6	24.5	24.8	1.4
1.0	1/1.13	0.6	18.1	18.2	1.1
1.0	7/0.43	0.6	18.1	18.2	1.3
1.5	1/1.38	0.6	12.1	12.2	1.1
1.5	7/0.52	0.6	12.1	12.2	1.0
2.5	1/1.78	0.7	7.41	7.56	1.0
2.5	7/0.68	0.7	7.41	7.56	0.9
4	1/2.25	0.7	4.61	4.70	0.85
4	7/0.85	0.7	4.61	4.70	0.77
6	1/2.76	0.7	3.08	3.11	0.7
6	7/1.04	0.7	3.08	3.11	0.65
10	7/1.35	0.7	1.83	1.84	0.65

聚氯乙烯绝缘聚乙烯护套电梯电缆

PVC insulated PVC sheathed Lift Cable

•产品使用说明(Product description)

该产品是按GB/T5023.6-2008及JB8734.6-2012设计生产的，电梯电缆主要用于自由悬挂长度不超过80m、移动速度不超过4m/S的电梯及升降机。电缆电缆一般采用聚氯乙烯绝缘及护套，导体截面1mm2及以下电缆额定电压为300/500V，导体截面为1.5mm2及以上电缆额定电压为450/750V,电缆导体最高工作温度为70℃，最低工作温度-40℃。

The product is manufactured according to the standards of GB/T5023.6-1997 . Elevator cable is mainly used for the free suspension lifts and lift the length of not more than 80m, moving speed of not more than 4m/S.The cable using PVC insulation and sheathed, Conductor cross section 1mm2 and below cable with rated voltage of 300/500V,Conductor cross section for more than 1.5mm2 cable with rated voltage of 450/750V,Cable conductor maximum working temperature is 70 ℃, the lowest work temperature of -40 ℃

我们可以按照客户的要求，在电梯电缆中可增加以下单元：

a.同轴电缆：RG59、RG6、SYV-75-2、SYV75-3等各种视频线

b.屏蔽信号线对、数据线及光缆：RVVP-2*0.75mm2、CAT-5E、CAT-6等。

c.各种规格的加强钢丝、钢绞线及其它高强度抗拉材料。

We can according to customer's requirements, adding the following element in the elevator cable

a.Coaxial cable: RG59、RG6、SYV-75-2、SYV75-3 and others

b.Shielding signal line and optical cable :RVVP-2*0.75mm2、CAT-5E、CAT-6

c.Reinforcing steel wire, steel wire and other materials of various specifications of the high tensile strength

•产品型号名称(Product Name)

型 号 Type	名 称 Description
60227IEC71f(TVVB)	扁形聚氯乙烯护套电梯电缆和挠性连接用电缆 Flat lift cable and cables for flexible connections
60227IEC71c(TVV)	圆形聚氯乙烯护套电梯电缆和挠性连接用电缆 Circular lift cable and cables for flexible connections
TVVB	铜芯聚氯乙烯绝缘聚氯乙烯护套扁形电梯电缆 Copper PVC insulating and sheathed flat lift cable

•产品电气性能(Electrical properties)

导体截面 Conductor cross-section(mm²)		0.5	0.75	1.0	1.5	2.5
导体结构 Conductor structuren(mm)		28/0.15	30/0.18	32/0.20	48/0.20	77/0.20
导体参考外径Conductor reference diameter(mm)		0.92	1.21	1.31	1.60	2.03
20℃时导体直流电阻Ω/km Resistance of conductor at 20℃Max	裸 铜 Bare copper	39.0	26.0	19.5	13.3	7.98
	镀 锡 Tinned cooper	40.1	26.7	20.0	13.7	8.21
70℃时最小绝缘电阻 Min.Resist at 70℃ (MΩ.Km)		0.012	0.011	0.010	0.010	0.009
绝缘线芯试验电压 kV		1.5	1.5	1.5	2.5	2.5
成品电缆试验电压 kV		2.0	2.0	2.0	2.5	2.5
成品电缆300万次曲挠试验		不 击 穿				

聚氯乙烯绝缘聚乙烯护套电梯电缆

PVC insulated PVC sheathed Lift Cable

•产品结构尺寸(Product structure)

1聚氯乙烯绝缘聚氯乙烯护套扁形电梯电缆(TVVB)PVC insulated and sheathed flat lift cable

芯 数 Cores	0.5mm²	0.75mm²	1.0 mm²	1.5 mm²	2.5 mm²
3	7.9*4.1	10.0*4.1	10.5*4.3	12.0*5.0	14.5*5.6
4	11.7*4.1	13.4*4.1	14.0*4.3	16.0*5.0	19.6*5.6
5	13.4*4.1	15.7*4.1	16.5*4.3	19.0*5.0	23.2*5.6
6	18.0*4.1	18.0*4.1	19.1*4.3	21.9*5.0	26.8*5.6
9	26.0*4.1	26.0*4.1	27.6*4.3	31.8*5.0	39.1*5.6
12	33.0*4.1	33.0*4.1	35.1*4.3	40.8*5.0	49.9*5.6
16	36.3*4.1	43.4*4.1	46.1*4.3	54.0*5.0	66.1*5.6
18	39.7*4.1	48.1*4.1	51.1*4.3	60.0*5.0	73.4*5.6
24	25.4*8.8	32.0*8.8	34.1*9.3	40.0*11.0	48.6*12.9
30	32.5*8.8	40.0*8.8	43.3*9.3	50.0*11.0	61.0*12.9
36	35.7*8.8	46.9*8.8	50.2*9.3	58.0*11.0	70.4*12.9
40	41.8*8.8	52.6*8.8	56.2*9.3	66.2*11.0	80.2*12.9
42	42.8*8.8	54.1*8.8	57.7*9.3	68.6*11.0	82.7*12.9
48	48.0*8.8	59.9*8.8	64.2*9.3	77.0*11.0	93.6*12.9
60	60.3*8.8	76.1*8.8	81.2*9.3	96.0*11.0	116.9*12.9

•产品结构尺寸(Product structure)

2氯乙烯绝缘聚氯乙烯护套圆形电梯电缆(TVV)PVC insulated and sheathed Circular lift cable

芯 数 Cores	0.5mm²	0.75mm²	1.0 mm²	1.5 mm²	2.5 mm²
6	7.5	9.4	9.9	11.4	13.8
7	8.0	9.8	10.4	11.9	14.8
8	9.0	11.2	11.9	14.3	17.0
10	9.4	12.9	13.7	15.3	18.4
12	11.2	14.2	15.0	17.2	20.8
15	10.8	13.8	14.6	16.7	20.0
16	11.0	14.0	14.9	17.0	20.5
19	11.5	15.1	16.0	18.5	21.6
20	11.5	15.1	16.0	18.5	21.6
24	13.5	16.9	18.6	21.8	26.5
25	13.9	17.1	18.8	22.3	27.2
30	14.9	19.4	20.6	25.3	30.5
37	15.7	19.7	21.0	25.6	30.8
40	16.1	21.9	24.1	26.1	31.4
41	16.3	22.0	24.3	26.3	31.8

额定电压300/500V塑料绝缘测量与连接用电子计算机电缆

Rated voltage 300/500V PVC insulated Computer cable

●产品使用说明(Product description)

塑料绝缘测量与连接用电子计算机用电缆是依据GB/T9330—2008《塑料绝缘控制电缆》及BS5308—1986《供内部安全系统用检测仪器电缆》设计开发的，主要用于发电、冶金、石化等工矿企业集散系统、电子计算机系统、自动化系统的信号传输及检测仪器、仪表连接。

PVC insulation measurement and connected electronic computer cable is based on GB/T9330-2008<plastic insulated control cable> and BS5308-1986<detecting instrument cable is used for internal security syste> design and development,which is mainly used for power generation, metallurgy, petrochemical and other industrial , mining enterprises, distribution system, computer system, signal transmission of the automation system and testing instruments, instrument connections .

●产品型号及名称(Product Name)

型号 Type	产品名称 Description
DJVVP	铜芯导体聚氯乙烯绝缘铜线编织总屏蔽聚氯乙烯护套电子计算机用电缆 Copper conductor PVC insulated copper wire braid screened PVC sheathed computer cable
DJVPV	铜芯导体聚氯乙烯绝缘铜线编织对绞屏蔽聚氯乙烯护套电子计算机用电缆 Copper conductor PVC insulated copper wire braid twisted screened PVC sheathed computer cable
DJVPVP	铜芯导体聚氯乙烯绝缘铜线编织对绞屏蔽及总屏蔽聚氯乙烯护套电子计算机用电缆 Copper conductor PVC insulated copper wire braid to wring shielding and total shield PVC sheath computer cable
DJVVPR	铜芯导体聚氯乙烯绝缘铜线编织总屏蔽聚氯乙烯护套电子计算机用软电缆 Copper conductor PVC insulated copper wire braiding screened PVC sheathed computer soft cable
DJVPVR	铜芯导体聚氯乙烯绝缘铜线编织对绞屏蔽聚氯乙烯护套电子计算机用软电缆 Copper conductor PVC insulated copper wire braid twisted screened PVC sheathed computer soft cable
DJVPVPR	铜芯导体聚氯乙烯绝缘铜线编织对绞屏蔽及总屏蔽聚氯乙烯护套电子计算机用软电缆 Copper conductor PVC insulated copper wire braid to wring shielding and total shield PVC sheath computer soft cable
DJVVP2	铜芯导体聚氯乙烯绝缘铜带总屏蔽聚氯乙烯护套电子计算机用电缆 Copper conductor PVC insulated copper tape screened PVC sheathed computer cable
DJVP2V	铜芯导体聚氯乙烯绝缘对绞铜带屏蔽聚氯乙烯护套电子计算机用电缆 Copper conductor PVC insulated Twisted pair copper tape screened PVC sheathed computer cable
DJVP2VP2	铜芯导体聚氯乙烯绝缘对绞铜带屏蔽铜带总屏蔽聚氯乙烯护套电子计算机用电缆 Copper conductor PVC insulated Twisted pair copper tape screened and total shield PVC sheathed computer cable
DJVVP3	铜芯导体聚氯乙烯绝缘铝塑复合带总屏蔽聚氯乙烯护套电子计算机用电缆 Copper conductor PVC insulated Al-polyester wrapped total shield PVC sheath computer cable
DJVP3V	铜芯导体聚氯乙烯绝缘对绞铝塑复合带屏蔽聚氯乙烯护套电子计算机用电缆 Copper conductor PVC insulated to ground the aluminum-plastic composite tape screened PVC sheathed computer cable
DJVP3VP3	铜芯导体聚氯乙烯绝缘对绞铝塑复合带屏蔽铝塑复合带总屏蔽聚氯乙烯护套电子计算机用电缆 Copper conductor PVC insulated aluminum-plastic compound tape shielding Al-polyester wrapped total shield PVC sheath computer cable

注：电缆采用聚乙烯(Y)及交联聚乙烯(YJ)绝缘时，只要把上述型号中的一个V改为相应的Y或YJ。
Note: Cable with polyethylene (Y) and cross-linked polyethylene (YJ) insulation, as long as the corresponding above model of a V changed to the Y or YJ.

额定电压300/500V塑料绝缘测量与连接用电子计算机电缆

Rated voltage 300/500V PVC insulated Computer cable

●产品技术参数(Technical parameters)

项目 Item		指标Index			
		0.5 mm²	0.75 mm²	1.0 mm²	1.5 mm²
20℃时导体最大直流电阻 Resistance of conductor at 20℃ Max Ω/km	第1、2种导体 Conductor 1, 2	36.0	24.5	18.1	12.1
	第5种导体 Conductor 5	39.0	26.0	19.5	13.3
1KZ工作电容PF/m Working Capacitance		≤60	≤70	≤80	≤90
电容不平衡 PF/m Capacitance Imbalance		≤1	≤1	≤1	≤1
分布电感 μH/m Distributing Inductance		≤0.6	≤0.6	≤0.6	≤0.6
绝缘电阻 MΩ.km Insulating Resistance		≥5000	≥5000	≥5000	≥5000
交流电压试验 V/min AC Voltage Testing		2000/1 不击穿 Not breakdown in the condition of 2000/1			

●电缆参考外径(Diameter)

规格 (对数) Pairs	0.75mm²			1.0mm²			1.5mm²		
	总屏 General shielding	分屏 Part shielding	分屏+总屏 Part add shielding	总屏 General shielding	分屏 Part shielding	分屏+总屏 Part add shielding	总屏 General shielding	分屏 Part shielding	分屏+总屏 Part add shielding
1×2	9.1	9.1	–	9.9	9.9	–	10.5	10.5	–
2×2	12.9	13.7	14.5	13.8	14.5	15.6	15.5	16.4	17.0
3×2	13.8	14.6	15.3	14.6	15.5	16.1	16.5	18.0	18.7
4×2	15.0	16.1	16.7	15.9	17.3	18.2	18.1	19.8	20.7
5×2	16.5	18.3	19.1	17.4	18.9	20.1	20.1	21.8	22.6
6×2	18.4	19.9	20.7	19.6	21.0	21.8	20.5	24.2	25.1
7×2	18.4	19.9	20.7	19.6	21.0	21.8	20.5	24.2	25.1
8×2	19.8	21.6	22.4	21.0	22.8	24.0	23.2	26.3	27.2
9×2	20.5	23.6	25.0	22.3	25.4	26.5	25.2	28.5	29.2
10×2	23.5	25.9	26.7	25.2	26.6	28.1	26.5	31.1	31.9
12×2	24.5	26.8	27.5	26.0	27.7	29.0	27.5	32.2	32.9
14×2	25.7	28.2	29.0	27.3	28.9	30.6	29.5	34.2	34.9
16×2	27.0	29.8	30.5	28.8	30.8	32.2	31.5	36.1	36.8
19×2	28.5	31.5	32.2	30.3	33.1	34.2	34.0	38.2	38.9
24×2	33.2	37.3	38.0	35.6	38.5	40.1	38.8	45.5	46.1

局域用对绞数据电缆
LAN with twisted pair cable

●产品使用说明(Product description)

该产品的生产依据为ISO/EIC11801、EIA/TIA-568-B和YD/T1019-2001，采用单根铜芯导体、聚乙烯绝缘、PVC、PE或低烟无卤护套，电缆主要用于综合布线网络ISDN、TM155MBPS、622MBPS、1000MBPS、千兆以太网的水平布线或主干网布线。

The production is manufactured according to the standards of ISO/EIC11801, EIA/TIA-568-B and YD/T1019-2001, Using a single copper conductor, XLPE insulated, PVC, PE or LSZH jacket. Cable is mainly used for integrated wiring network ISDN, TM155MBPS, 622MBPS, 1000MBPS, Gigabit Ethernet horizontal wiring.

●产品结构尺寸(Product structure)mm

型号 Type	结构类型 Structure	导体线径 Conductor Diameter mm	绝缘线径 Insulation Diametermm	对 数 Pairs	成品线径 Diametermm
CAT-5	UTP（非屏蔽） Unshielded	0.51	0.92	4	5.0
	FTP（铝箔总屏蔽） AL-Foil	0.54	1.00	4	5.8
	S—UTP（铝箔+编织总屏蔽） AL-Foil+Braid	0.54	1.00	4	6.2
CAT-5e	UTP（非屏蔽无骨架） Unshielded no skeleton	0.51	0.92	4	5.6
	UTP(非屏蔽) Unshielded	0.51	0.92	4	6.3
	FTP（铝箔总屏蔽无骨架） AL-Foil no skeleton	0.54	1.00	4	5.8
	FTP（铝箔总屏蔽） AL-Foil	0.54	1.00	4	6.3
	S—UTP（铝箔+编织总屏蔽） AL-Foil+Braid	0.54	1.00	4	6.7
CAT-6	UTP（非屏蔽） Unshielded	0.57	1.00	4	6.7
	FTP（铝箔总屏蔽） AL-Foil	0.57	1.10	4	6.9
	S—UTP（铝箔+编织总屏蔽） AL-Foil+Braid	0.57	1.10	4	7.5

局域用对绞数据电缆
LAN with twisted pair cable

●产品电气性能(Electrical properties)

名称 Name	频率 Frequency (MHz)	工作数据 Parameter		
		CAT-5	CAT-5E	CAT-6
导体直流电阻 Resistance(Ω/100m)		9.5	9.5	6.6
电缆特性阻抗 Impedance(Ω)		100±15	100±15	100±15
最大工作电容 Max.Capacitance(pF/100m)		5.6	5.6	5.0
传送速度 Rate		0.65	0.65	0.65
最大衰减 Max.Attenuation db/100m	1	2.0	2.0	1.9
	4	4.1	4.1	3.7
	10	6.5	6.5	5.9
	31.25	11.7	11.7	10.6
	62.5	17.0	17.0	15.4
	100	22.0	22.0	19.8
	200	/	/	29.0
	250	/	/	32.8
最小近端串音衰减 Near-end crosstalk db/100m	1	62	65	74
	4	53	56	65
	10	47	50	59
	31.25	40	43	52
	62.5	35	38	47
	100	32	35	44
	200	/	/	40
	250	/	/	38
最小远端串音衰减 Far-end crosstalk db/100m	1	61	64	68
	4	49	52	56
	10	41	44	48
	31.25	31	34	38
	62.5	25	28	32
	100	21	24	28
	200	/	/	22
	250	/	/	20
最小回波损耗 Min.Return loss db/100m	1	23	20	20
	4	23	23	23
	10	23	25	25
	31.25	21.1	24	24
	62.5	181	22	22
	100	16	20	20
	200	/	/	18
	250	/	/	17

RS485聚乙烯绝缘通讯电缆

RS 485 PE insulated Cable

●产品使用说明(Product description)

电缆导体采用镀锡铜线，线芯绝缘采用聚乙烯，聚乙烯的绝缘电阻高，耐电压好，介电系数小和介质损耗温度和变频率的影响也小，不但能满足传输性能的要求，而且能确保电缆的使用寿命。

Cable conductor with tinned copper wire, core insulation with polyethylene, polyethylene have high insulation resistance, good resistance to voltage, small dielectric coefficient and the influence of the temperature of the dielectric loss and small frequency variation characteristics, which can not only meet the requirements of transmission performance, and also can ensure the service life of the cable.

电缆采用可采用对屏或总屏结构，减少回路间的相互串扰和外部干扰，可进一频提高电缆信号的传输质量。特殊场合还可以根据要求采用铠装层保护，增强电缆的抗冲击性能。

Cable with the twin screen or the total screen structure, reducing the circuit between the crosstalk and external interference, which it can increase the transmission quality of signal cable, specially also according to special occasions requirement with a rmoring layer protection, enhance shock resistance of cable.

●产品结构尺寸(Product structure)mm

1.美国线规

规格 AWG	导体Conductor		绝缘Insulation		对绞Twinning		总屏蔽 Shield	护套Jacket	
	根数/丝径 n/mm	外径 Diameter	厚度 Thickness	外径 Diameter	外径 Diameter	屏蔽 Shield		厚度 Thickness	参考外径 Diameter
1*2*24AWG	7/0.20	0.60	0.4	1.40	2.80	铝箔 Aluminium foil	铜网编织 Copper	1.0	5.5
2*2*24AWG	7/0.20	0.60	0.4	1.40	2.80	铝箔 Aluminium foil	铜网编织 Copper	1.0	8.6
3*2*24AWG	7/0.20	0.60	0.4	1.40	2.80	铝箔 Aluminium foil	铜网编织 Copper	1.0	9.0
4*2*24AWG	7/0.20	0.60	0.4	1.40	2.80	铝箔 Aluminium foil	铜网编织 Copper	1.0	9.9
1*2*22AWG	7/0.25	0.75	0.5	1.75	3.50	铝箔 Aluminium foil	铜网编织 Copper	1.0	6.2
2*2*22AWG	7/0.25	0.75	0.5	1.75	3.50	铝箔 Aluminium foil	铜网编织 Copper	1.0	10.0
3*2*22AWG	7/0.25	0.75	0.5	1.75	3.50	铝箔 Aluminium foil	铜网编织 Copper	1.2	10.9
4*2*22AWG	7/0.25	0.75	0.5	1.75	3.50	铝箔 Aluminium foil	铜网编织 Copper	1.2	12.0
1*2*20AWG	7/0.30	0.90	0.6	2.10	4.20	铝箔 Aluminium foil	铜网编织 Copper	1.0	6.9
2*2*20AWG	7/0.30	0.90	0.6	2.10	4.20	铝箔 Aluminium foil	铜网编织 Copper	1.2	11.8
3*2*20AWG	7/0.30	0.90	0.6	2.10	4.20	铝箔 Aluminium foil	铜网编织 Copper	1.3	12.6
4*2*20AWG	7/0.30	0.90	0.6	2.10	4.20	铝箔 Aluminium foil	铜网编织 Copper	1.3	13.9
1*2*18AWG	7/0.40	1.20	0.75	2.10	4.20	铝箔 Aluminium foil	铜网编织 Copper	1.0	8.1
2*2*18AWG	7/0.40	1.20	0.75	2.10	4.20	铝箔 Aluminium foil	铜网编织 Copper	1.3	14.4
3*2*18AWG	7/0.40	1.20	0.75	2.10	4.20	铝箔 Aluminium foil	铜网编织 Copper	1.3	15.2
4*2*18AWG	7/0.40	1.20	0.75	2.10	4.20	铝箔 Aluminium foil	铜网编织 Copper	1.3	16.8

RS485聚乙烯绝缘通讯电缆

RS 485 PE insulated Cable

●产品结构尺寸(Product structure)mm

2.国标线规

规格 mm^2	导体 Conductor		绝缘 Insulation		对绞 Twinning		总屏蔽 Shield	护套 Jacket	
	根数/丝径 n/mm	外径 Diameter	厚度 Thickness	外径 Diameter	外径 Diameter	根数/丝径 n/mm		厚度 Thickness	外径 Diameter
1*2*0.75	7/0.37	1.11	0.7	2.51	5.02	铝箔 AL-foil	铜网编织 Copper	1.0	7.7
2*2*0.75	7/0.37	1.11	0.7	2.51	5.02	铝箔 AL-foil	铜网编织 Copper	1.3	13.6
3*2*0.75	7/0.37	1.11	0.7	2.51	5.02	铝箔 AL-foil	铜网编织 Copper	1.3	14.4
4*2*0.75	7/0.37	1.11	0.7	2.51	5.02	铝箔 AL-foil	铜网编织 Copper	1.3	15.9
1*2*1.0	7/0.43	1.29	0.8	2.89	5.78	铝箔 AL-foil	铜网编织 Copper	1.0	8.5
2*2*1.0	7/0.43	1.29	0.8	2.89	5.78	铝箔 AL-foil	铜网编织 Copper	1.3	15.1
3*2*1.0	7/0.43	1.29	0.8	2.89	5.78	铝箔 AL-foil	铜网编织 Copper	1.3	16.0
4*2*1.0	7/0.43	1.29	0.8	2.89	5.78	铝箔 AL-foil	铜网编织 Copper	1.5	18.1
1*2*1.5	7/0.52	1.56	1.0	3.56	7.12	铝箔 AL-foil	铜网编织 Copper	1.0	9.8
2*2*1.5	7/0.52	1.56	1.0	3.56	7.12	铝箔 AL-foil	铜网编织 Copper	1.5	18.2
3*2*1.5	7/0.52	1.56	1.0	3.56	7.12	铝箔 AL-foil	铜网编织 Copper	1.5	19.3
4*2*1.5	7/0.52	1.56	1.0	3.56	7.12	铝箔 AL-foil	铜网编织 Copper	1.5	21.3

●产品电气性能(Electrical properties)

项 目	24AWG	22AWG	20AWG	18AWG	0.75mm^2	1.0mm^2	1.5mm^2
特性阻抗 Impedance(Ω)	120±10	120±10	120±10	120±10	120±10	120±10	120±10
20℃导体直流电阻(Ω/m) Resistance at 20℃	89.4	54.3	33.9	21.4	24.8	18.2	12.2
20℃线芯绝缘电阻MΩ.km Insulation resistance	500	500	500	500	500	500	500
绝缘线芯试验电压kV Insulation test voltage	1.5	1.5	1.5	2	2	2	2
成品试验电压kV Finished the test voltage	2	2	2	2	2	2	2
电缆使用温度℃ Temperature	15~70	15~70	15~70	15~70	15~70	15~70	15~70

聚氯乙烯绝缘及护套低频通信电缆
PVC insulated and sheathed low-frequency communication cable

●产品使用说明(Product description)

产品是按GB/T11327《聚氯乙烯绝缘聚氯乙烯护套低频通信电缆电线》设计生产的，主要适用于模拟交换机和其它音频传输设备、音频通信设备的连接，以及数字交换设备内部或数字通信设备之间的短段连接。

The product is suitable for using indoor, pipeline and and other general industrial environment to prevent disruptive to demand higher occasion of electronic computer and automation connectivity cable .

电缆导体的最高允许工作温度为70℃
The highest environment permissible continuous operating temperature for the conductor is 70℃.

电缆敷设环境温度应不低于0℃
Inlaying temperature of the cable is not below 0℃.

使用环境温度不低于－15℃
Working temperature of the cable is not below -15℃.

●产品型号名称(Product Name)

型 号 Type	名 称 Description
HJVV	铜芯导体聚氯乙烯绝缘聚氯乙烯护套低频通信局用电缆 Copper conductor PVC insulated sheathed low-frequency communication cable
HJVVP	铜芯导体聚氯乙烯绝缘聚氯乙烯护套低频通信屏蔽型局用电缆 Copper conductor PVC insulated PVC sheathed low-frequency communication shield Cable

●产品电气性能(Electrical properties)

导体直径 Conductor diameter mm	绝缘介电强度 Dielectric strength V.DC/min	20℃时最小绝缘电阻 Insulation resistance MΩ.km	最大工作电容 Capacitance nF/km	最大电容不平衡 Capacitance pF/km	20℃时导体最大直流电阻 Resistance at 20℃ Max. Ω/km
0.4	1500/1 不击穿	500	120	800	150.0
0.5	1500/1 不击穿	500	120	800	95.9
0.6	1500/1 不击穿	500	120	800	66.6
0.8	2500/1 不击穿	500	120	800	36.8

聚氯乙烯绝缘及护套低频通信电缆
PVC insulated and sheathed low-frequency communication cable

●产品主要结构尺寸(Product structure)

线芯组数 Pair	类 型 Type	护套最小厚度 Min.Thickness mm				电缆最大外径Max.Diameter mm			
		0.4mm	0.5mm	0.6mm	0.8mm	0.4mm	0.5mm	0.6mm	0.8mm
5	对线组 group of 2	0.60	0.60	0.60	0.70	6.5	7.0	7.5	10.0
	三线组 group of 3	0.60	0.60	0.70	0.80	7.0	8.0	8.5	11.5
	四线组 group of 4	0.70	0.70	0.70	0.90	8.5	9.0	9.5	13.5
	五线组 group of 5	0.70	0.70	0.80	0.90	9.0	10.0	11.0	14.5
10	对线组 group of 2	0.70	0.70	0.70	0.90	8.5	9.0	10.0	13.5
	三线组 group of 3	0.70	0.70	0.80	0.90	9.5	10.5	11.5	15.5
	四线组 group of 4	0.80	0.80	0.80	0.90	11.0	12.0	13.0	17.5
	五线组 group of 5	0.80	0.90	0.90	1.00	12.0	13.5	14.5	19.5
15	对线组 group of 2	0.70	0.70	0.80	0.90	9.5	10.5	11.5	15.5
	三线组 group of 3	0.80	0.80	0.80	0.90	11.0	12.0	13.0	17.5
	四线组 group of 4	0.80	0.90	0.90	1.00	12.5	14.0	15.0	20.5
	五线组 group of 5	0.90	0.90	0.90	1.00	14.0	15.5	16.5	23.0
20	对线组 group of 2	0.80	0.80	0.90	0.90	11.5	12.0	13.0	17.5
	三线组 group of 3	0.80	0.90	0.90	1.00	12.0	13.5	14.5	20.0
	四线组 group of 4	0.90	0.90	0.90	1.00	14.0	15.5	17.0	23.0
	五线组 group of 5	0.90	0.90	1.00	1.15	15.5	17.5	19.0	26.5
25	对线组 group of 2	0.80	0.80	0.90	1.00	12.0	13.0	14.5	19.5
	三线组 group of 3	0.90	0.90	0.90	1.00	13.5	14.5	16.0	21.5
	四线组 group of 4	0.90	0.90	0.90	1.15	15.5	17.0	18.5	25.5
	五线组 group of 5	0.90	1.00	1.00	1.15	17.0	19.0	21.0	29.0

热电偶用补偿导线及补偿电缆

Compensating wire and cable for thermocouple

•产品使用说明(Product description)

本产品主要是据GB/T4989—1994《热电偶用补偿导线》(等效采用IEC584-3)、JB/T7495—1994《热电偶用补偿电缆》设计开发的，主要用于冶金、化工、石油、发电、国防及科研等采用热电偶测量温度的场合，用于热电偶与温度显示仪表之间的连接线。

This product is mainly according to GB/T4989-1994 "the thermocouple with compensation lead" (equivalent to the IEC584-3), JB/T7495-1994 design and development of the thermocouple with compensation cable, mainly used in metallurgy, chemical industry, petroleum, power generation, national defense and scientific research using thermocouple to measure temperature, used for connecting line between the thermocouple and temperature display instrument.

补偿导线、补偿电缆允许最小弯曲半径：非铠装型补偿导线、补偿电缆：为电缆直径(长轴)的6倍；铠装型补偿导线、补偿电缆：为电缆直径(长轴)的12倍。

Thermocouple wire and thermocouple cable allows the minimum bending radius, non armoured thermocouple wire and thermocouple cable is (long axis) 6 times of cable diameter, armoured thermocouple wire and thermocouple cable is 12 times of cable

补偿导线、补偿电缆最低敷设温度： 一般用（G）补偿导线、补偿电缆：固定敷设-40℃，非固定敷设-15℃；耐热用（H）补偿导线、补偿电缆：固定敷设-60℃，非固定敷设-20℃。

Thermocouple cable and thermocouple cable the minimum temperature is commonly used in (G)thermocouple wire and thermocouple cable: fixed installation -40 ℃, unfixed installation - 15 ℃; Heat (H) thermocouple wire and thermocouple cable: fixed installation - 60 ℃, unfixed installation - 20 ℃.

•产品型号及名称(Product Name)

产品型号 Type	产品名称 Designation	配用热电偶 Thermocouple	热电偶分度号 Thermocouple Grade ID
SC和RC	铜—铜镍0.6补偿型补偿导线 Copper - copper nickel 0.6 compensation compensation wire	铂铑10—铂热电偶 Platonic-rhodium 10-platinum Thermocouple	S 和 R
		铂铑13—铂热电偶 Platonic-rhodium 13-platinum thermocouple	
KCA	铁—铜镍22补偿型补偿导线 Iron and copper nickel 22 compensation compensation wire	镍铬—镍硅热电偶 Nickel-chromium nickel thermocouple	K
KCB	铁—铜镍40补偿型补偿导线 Iron and copper nickel 40 compensation compensation wire		
KX	镍铬10—镍硅3延长型补偿导线、补偿电缆 Nickel-chromium 10 - nickel silicon 3 extended compensation wire		
NC	铁—铜镍18补偿型补偿导线 Iron and copper nickel 18 compensation compensation wire	镍铬硅—镍硅热电偶 Nickel-chromium silicon—nickel thermocouple	N
NX	镍铬14硅—镍硅4延长型补偿导线、补偿电缆 Nichrome 14 silicon - nickel silicon 4 extended compensation wire		
EX	镍铬10—镍硅45延长型补偿导线、补偿电缆 Nickel chromium 10 nickel silicon 45 extended compensation wire	镍铬—铜镍热电偶 Nickel-chromium-cupronickel thermocouple	E
JX	铁—铜镍45延长型补偿导线、补偿电缆 Iron and copper nickel 45 extended compensation wire	铁—康铜热电偶 Iron-constantan thermocouple	J
TX	铁—铜镍45延长型补偿导线、补偿电缆 Iron and copper nickel 45 extended compensation wire	铜—康铜热电偶 Copper-constantan thermocouple	T

热电偶用补偿导线及补偿电缆

Compensating wire and cable for thermocouple

•产品技术参数(Technical parameters)

产品型号 Type	产品使用温度℃ Using temperature	分类 Category	允差μV Allowed error degree 精密级 Common Degree	允差μV Allowed error degree 普通级 Subtle degree	绝缘材料 Insulation material	护套材料 Jacket material	热电偶测量端温度℃ Thermocouple measuring temperature
SC和RC	0~100	G	±30(±2.5℃)	±60(±5.0℃)	PVC、PE	PVC	1000
SC和RC	0~200	H	-	±60(±5.0℃)	F46	F46	1000
KCA	0~100	G	±60(±1.5℃)	±100(±2.5℃)	PVC、PE	PVC	1000
KCA	0~200	H	±60(±1.5℃)	±100(±2.5℃)	F46	F46	900
KCB	0~100	G	±60(±1.5℃)	±100(±2.5℃)	PVC、PE	PVC	900
KX	-20~100	G	±60(±1.5℃)	±100(±2.5℃)	PVC、PE	PVC	900
KX	-25~200	H	±60(±1.5℃)	±100(±2.5℃)	F46	F46	900
NC	0~100	G	±60(±1.5℃)	±100(±2.5℃)	PVC、PE	PVC	900
NC	0~200	H	±60(±1.5℃)	±100(±2.5℃)	F46	F46	900
NX	-20~100	G	±60(±1.5℃)	±100(±2.5℃)	PVC、PE	PVC	900
NX	-25~200	H	±60(±1.5℃)	±100(±2.5℃)	F46	F46	900
EX	-20~100	G	±120(±1.5℃)	±200(±2.5℃)	PVC、PE	PVC	500
EX	-25~200	H	±120(±1.5℃)	±200(±2.5℃)	F46	F46	500
JX	-20~100	G	±85(±1.5℃)	±140(±2.5℃)	PVC、PE	PVC	500
JX	-25~200	H	±85(±1.5℃)	±140(±2.5℃)	F46	F46	500
TX	-20~100	G	±30(±0.5℃)	±60(±1.0℃)	PVC、PE	PVC	300
TX	-25~200	H	±48(±0.8℃)	±90(±1.5℃)	F46	F46	300

•补偿导线结构尺寸(Product structure)

项目 Item		线芯标称截面mm² Nominal cross 0.2	0.5	1.0	1.5	2.5
导体结构 Conductor structure n/mm	硬结构 Hard structure	1/0.52	1/0.80	1/1.13	1/1.37	1/1.37
	软结构 Soft structure	7/0.2	7/0.30	7/0.43	7/0.52	7/0.52
绝缘厚度 mm Insulation thickness	一般用 Common	0.4	0.5	0.7	0.7	0.7
	耐热用 High-temperature resistant	0.4	0.4	0.4	0.4	0.4
补偿导线护套厚度mm Thickness of sheath	一般用 Common	0.7	0.8	1.0	1.0	1.0
	耐热用 High-temperature resistant	0.3	0.3	0.3	0.3	0.3
一般用补偿导线参考外径mm Diameter	硬结构 Hard structure	2.7×4.1	3.4×5.2	4.5×7.1	4.8×7.5	4.8×7.5
	软结构 Soft structure	2.8×4.2	3.5×5.4	4.7×7.4	5.0×7.9	5.0×7.9
耐热用补偿导线参考外径mm Diameter	硬结构 Hard structure	1.9×3.2	2.2×3.8	2.5×4.5	2.8×4.9	2.8×4.9
	软结构 Soft structure	2.0×3.4	2.3×4.0	2.7×4.8	3.0×5.3	3.0×5.3

额定电压0.6/1kV交联聚乙烯绝缘电力电缆

Rated voltage 0.6/1kV XLPE insulated power cable

●产品使用说明(Product description)

额定电压0.6/1kV交联聚乙烯绝缘电力电缆是按GB/T12706-2008（等效采用IEC60502）设计生产的，电缆主要适用于额定电压0.6/1kV及以下配电网或动力装置中的电力传输。

The Cable is manufactured according to the standards of GB/T12706-2008(Equivalent to using the IEC60502).Cross-linked polyethylene insulated power cable be used for rated voltage 0.6/1kV and including distribution power lines or power transmission in the power plant.

交联聚乙烯绝缘电力电缆导体的最高允许工作温度为90℃，短路时（最长持续时间不超过5s）电缆导体的最高温度不超过 250℃，电缆敷设时环境温度应不低于0℃。电缆的推荐允许弯曲半径: 单芯电缆，应不低于电缆实际外径的20倍；多芯电缆电缆应不低于电缆实际外径的15倍。

Cross-linked polyethylene insulating power cable's conductor the maximum allowable working temperature is 90 ℃, when short circuit (the longest duration of no more than 5 s) cable conductor does not exceed the maximum temperature of 250 ℃, when the ambient temperature under installation should not below 0 ℃. Permissible bending radius of cable: single core cable, should be not less than 20 times the actual outside diameter of the cable; multicore cable should not less than 15 times of the actual diameter .

●产品型号及名称(Product Name)

型　号 Type	名　称 Description
YJV	额定电压0.6/1kV铜芯导体交联聚乙烯绝缘聚氯乙烯护套电力电缆 Copper conductor XLPE insulated PVC sheathed power cable
YJLV	额定电压0.6/1kV铝芯导体交联聚乙烯绝缘聚氯乙烯护套电力电缆 Aluminum conductor XLPE insulated PVC sheathed power cable
YJV22	额定电压0.6/1kV铜芯交联聚乙烯绝缘钢带铠装聚氯乙烯护套电力电缆 Copper conductor XLPE insulated steel tape armoured PVC sheath power cable
YJLV22	额定电压0.6/1kV铝芯导体交联聚乙烯绝缘钢带铠装聚氯乙烯护套电力电缆 Aluminum conductor XLPE insulated steel tape armoured PVC sheath power cable
YJY	额定电压0.6/1kV铜芯导体交联聚乙烯绝缘低烟无卤护套电力电缆 Copper conductor XLPE insulated LSZH sheathed power cable
YJLY	额定电压0.6/1kV铝芯导体交联聚乙烯绝缘低烟无卤护套电力电缆 Aluminum conductor XLPE insulated PVC sheathed power cable
YJY23	额定电压0.6/1kV铜芯交联聚乙烯绝缘钢带铠装低烟无卤护套电力电缆 Copper conductor XLPE insulated steel tape armoured LSZH sheath power cable
YJLY23	额定电压0.6/1kV铝芯导体交联聚乙烯绝缘钢带铠装低烟无卤护套电力电缆 Aluminum conductor XLPE insulated steel tape armoured LSZH sheath power cable
生产范围 The scope of production: 1、2、3、4、5、3+1、4+1、3+2芯(Cores) 1.5~185mm²	

额定电压0.6/1kV交联聚乙烯绝缘电力电缆

Rated voltage 0.6/1kV XLPE insulated power cable

●电缆敷设运行条件（Condition）

在空气中敷设（For laying in the air）

单芯电缆平行敷设时中心距离：185mm2及以下为电缆直径的2倍；240mm2及以上为90mm。

The single-core cables are parallel laid, the distance between the cable center is 2 times of the cable diameter for cross-section area of conductor≤185185mm2 and 90mm for cross-sectional area of conductor≥240mm2

周围环境空气温度：40℃。(Ambient air temperature: 40℃.)

导体长期最高工作温度：90℃。(Max. continuous operating temperature of conductor: 90℃)

直埋敷设(Direct in the ground)

单芯电缆不接触敷设时，电缆中心距离为电缆直径的2倍。

The single-core cables are installed separately, the distance between the cable center is 2 times of the cable diameter

土壤温度：25℃。(Soil temperature: 25℃)

土壤热阻系数：1.0℃.m/W。(Thermal receptivity of soil: 1.0℃.m/W.)

直埋深度：0.7m。(Depth of laying: 0.7m)

●产品技术参数(Technical parameters)

标称截面 Nominal cross mm²	非紧压导体结构 Conductor structure n/mm	绝缘厚度 Insulation thickness mm	20℃时直流电阻 Resistance at 20℃(Ω/m)	20℃绝缘电阻常数 Insulation Resistance at 20℃ MΩ.km	90℃绝缘电阻常数 Insulation Resistance at 90℃ MΩ.km
1.5	1/1.38	0.7	12.1	36.7	3.67
2.5	1/1.78	0.7	7.41	36.7	3.67
4	1/2.25	0.7	4.61	36.7	3.67
6	1/2.76	0.7	3.08	36.7	3.67
10	7/1.35	0.7	1.83	36.7	3.67
16	7/1.70	0.7	1.15	36.7	3.67
25	7/2.14	0.9	0.727	36.7	3.67
35	7/2.52	0.9	0.524	36.7	3.67
50	19/1.78	1.0	0.387	36.7	3.67
70	19/2.14	1.1	0.268	36.7	3.67
95	19/2.52	1.1	0.193	36.7	3.67
120	37/2.03	1.2	0.153	36.7	3.67
150	37/2.25	1.4	0.124	36.7	3.67
185	37/2.52	1.6	0.0991	36.7	3.67

额定电压0.6/1kV聚氯乙烯绝缘电力电缆

Rated voltage 0.6/1kV PVC insulated power cable

●产品使用说明(Product description)

额定电压0.6/1kV聚氯乙烯绝缘电力电缆是按GB/T12706-2008（等效采用IEC60502）设计生产的，电缆主要适用于额定电压0.6/1kV及以下配电网或动力装置中的电力传输。

The Cable is manufactured according to the standards of GB/T12706-2008(Equivalent to using the IEC60502).PVC insulated power cable be used for rated voltage 0.6/1kV and including distribution power lines or power transmission in the power plant.

聚氯乙烯绝缘电力电缆导体的最高允许工作温度为70℃，短路时（最长持续时间不超过5s）电缆导体的最高温度不超过160℃，电缆敷设时环境温度应不低于0℃。电缆的推荐允许弯曲半径: 单芯电缆，应不低于电缆实际外径的20倍；多芯电缆电缆应不低于电缆实际外径D的15倍。

PVC insulating power cable's conductor the maximum allowable working temperature is 70 ℃, when short circuit (the longest duration of no more than 5 s) cable conductor does not exceed the maximum temperature of 160 ℃, when the ambient temperature under installation should not below 0 ℃. Permissible bending radius of cable: single core cable, should be not less than 20 times the actual outside diameter of the cable; multicore cable should not less than 15 times of the actual diameter.

●产品型号及名称(Product Name)

型　号 Type	名　称 Description
VV	额定电压0.6/1kV铜芯导体聚氯乙烯绝缘聚氯乙烯护套电力电缆 Copper conductor PVC insulated and sheathed power cable
VLV	额定电压0.6/1kV聚氯乙烯绝缘聚氯乙烯护套电力电缆 PVC insulated and sheathed power cable
VV22	额定电压0.6/1kV铜芯聚氯乙烯绝缘钢带铠装聚氯乙烯护套电力电缆 Copper conductor PVC insulated steel tape armoured PVC sheath power cable
VLV22	额定电压0.6/1kV聚氯乙烯绝缘钢带铠装聚氯乙烯护套电力电缆 PVC insulated steel tape armoured PVC sheath power cable
VV23	额定电压0.6/1kV铜芯聚氯乙烯绝缘钢带铠装聚乙烯护套电力电缆 Copper conductor PVC insulated steel tape armoured PE sheath power cable
VLV23	额定电压0.6/1kV聚氯乙烯绝缘钢带铠装聚乙烯护套电力电缆 PVC insulated steel tape armoured PE sheath power cable
生产范围 The scope of production: 1、2、3、4、5、3+1、4+1、3+2芯(Cores)　1.5~185mm²	

额定电压0.6/1kV聚氯乙烯绝缘电力电缆

Rated voltage 0.6/1kV PVC insulated power cable

●电缆敷设运行条件（Condition）

在空气中敷设（For laying in the air）

单芯电缆平行敷设时中心距离：185mm2及以下为电缆直径的2倍；240mm2及以上为90mm。

The single-core cables are parallel laid, the distance between the cable center is 2 times of the cable diameter for cross-section area of conductor≤185185mm2 and 90mm for cross-sectional area of conductor≥240mm2

周围环境空气温度：40℃。(Ambient air temperature: 40℃.)

导体长期最高工作温度：70℃。(Max. continuous operating temperature of conductor: 90℃)

直埋敷设(Direct in the ground)

单芯电缆不接触敷设时，电缆中心距离为电缆直径的2倍。

The single-core cables are installed separately, the distance between the cable center is 2 times of the cable diameter

土壤温度：25℃。(Soil temperature: 25℃)

土壤热阻系数：1.0℃.m/W。(Thermal receptivity of soil: 1.0℃.m/W.)

直埋深度：0.7m。(Depth of laying: 0.7m)

●产品技术参数(Technical parameters)

标称截面 Nominal cross mm²	非紧压导体结构 Conductor structure n/mm	绝缘厚度 Insulation thickness mm	20℃时直流电阻 Resistance at 20℃（Ω/m）	20℃绝缘电阻常数 Insulation Resistance at 20℃ MΩ.km	90℃绝缘电阻常数 Insulation Resistance at 90℃ MΩ.km
1.5	1/1.38	0.8	12.1	36.7	0.037
2.5	1/1.78	0.8	7.41	36.7	0.037
4	1/2.25	1.0	4.61	36.7	0.037
6	1/2.76	1.0	3.08	36.7	0.037
10	7/1.35	1.0	1.83	36.7	0.037
16	7/1.70	1.0	1.15	36.7	0.037
25	7/2.14	1.2	0.727	36.7	0.037
35	7/2.52	1.2	0.524	36.7	0.037
50	19/1.78	1.4	0.387	36.7	0.037
70	19/2.14	1.4	0.268	36.7	0.037
95	19/2.52	1.6	0.193	36.7	0.037
120	37/2.03	1.6	0.153	36.7	0.037
150	37/2.25	1.8	0.124	36.7	0.037
185	37/2.52	2.0	0.0991	36.7	0.037

额定电压450/750V聚氯乙烯绝缘尼龙护套电线和电缆

PVC Insulated Nylon sheathed Cable of Rated Voltage 450/750V

●产品使用说明(Product description)

聚氯乙烯绝缘尼龙护套电线和电缆适用于交流额定电压450/750V及以下电力及控制系统，广泛用于工程建筑、低压线路，高速公路监控、公路照明等。

PVC Insulating Nylon sheathed Cable is fit for the power and control system with the AC rated voltage 450/750V or below. They can be used in the construction, low line, freeway surveillance and control.

聚氯乙烯绝缘尼龙护套电线具有较好的耐热性能，在高温下的抗热变形性能及热失重性能优于聚氯乙烯电缆，可提高电线电缆瞬间抗热过载能力和减缓聚氯乙烯组份的迁移。

PVC insulated nylon sheathed wires has good heat resistance, high temperature deformation of the thermal and thermal performance is better than PVC cables, it can improve thermal overload capacity and retard the migration of polyvinyl chloride composition.

聚氯乙烯绝缘尼龙护套电线具有外径小、重量轻、静摩擦系数小、热收缩率低和耐油性能好的优点，可提高电线在安装或穿管敷社过程中的安全和适用性,尼龙护套电线电缆具有热收缩小、磨擦系数小，易于穿管，耐油等特点。

PVC insulated nylon sheathed wires with small diameter, light weight, static friction coefficient of small, low thermal shrinkage and the advantages of good performance of resistance to oil, it can improve the wire in the installation or safety and applicability in pipe service process.

●产品名称(Product Name)

型 号 Type	名 称 Description
BVN	铜芯聚氯乙烯绝缘尼龙护套电线 Copper Core PVC insulated Nylon sheathed wire
BVN-90	铜芯耐热90℃聚氯乙烯绝缘尼龙护套电线 Copper Core PVC insulated Nylon sheathed wire(Heat-resistant 90℃)
FVN	镀锡软铜导体聚氯乙烯绝缘尼龙护套电线 Tinned Copper Conductor PVC insulated Nylon sheathed wire
FVNP	镀锡软铜导体聚氯乙烯绝缘镀锡铜线编织尼龙护套电线 Tinned Copper Conductor PVC insulated braid Nylon sheathed wire
RVN	镀锡软铜导体聚氯乙烯绝缘尼龙护套电线 Tinned Copper Conductor PVC insulated Nylon sheathed wire
RVNP	镀锡软铜导体聚氯乙烯绝缘镀锡铜线编织尼龙护套电线 Tinned Copper Conductor PVC insulated braid Nylon sheathed wire

额定电压450/750V聚氯乙烯绝缘尼龙护套电线和电缆

PVC Insulated Nylon sheathed Cable of Rated Voltage 450/750V

●产品结构尺寸及电气性能(Product structure and Electrical properties)

类 型 Type	导体标称截面 Nominal cross mm^2	导体参考结构 Conductor structure mm	绝缘厚度 Thickness mm	尼龙护套厚度 Nylon Thickness mm	电缆外径 Diameter （参考） mm	20℃最大直流电阻 Resistance at 20℃ Max. Ω/km	70℃最小绝缘电阻 Insulation Resistance at 70℃ Min. MΩ.km
FVN RVN	0.3	16/0.15	0.35	0.12	1.63	71.2	0.014
	0.4	23/0.15	0.35	0.12	1.77	49.6	0.012
	0.5	28/0.15	0.35	0.12	1.86	40.1	0.013
	0.75	24/0.20	0.35	0.12	2.07	26.7	0.011
	1.0	19/0.26	0.35	0.12	2.25	20.0	0.010
	1.5	19/0.32	0.40	0.12	2.65	13.7	0.010
	2.5	49/0.25	0.40	0.12	3.06	8.21	0.009
	4	77/0.25	0.45	0.12	3.67	5.09	0.007
	6	77/0.32	0.45	0.16	4.46	3.39	0.006
	10	126/0.32	0.50	0.16	5.47	1.95	0.0056
	16	209/0.32	0.60	0.20	6.94	1.24	0.0046
	25	209/0.39	0.60	0.20	8.11	0.795	0.0044
	35	285/0.39	0.60	0.20	9.20	0.565	0.0038
	50	323/0.45	0.65	0.25	11.13	0.393	0.0037
BVN BVN-90	0.5	1/0.80	0.40	0.10	1.8	36.0	0.015
	0.75	1/0.97	0.40	0.10	1.97	24.5	0.012
	1.0	1/1.13	0.40	0.10	2.13	18.1	0.011
	1.5	1/1.38	0.40	0.10	2.38	12.1	0.011
	2.5	1/1.78	0.40	0.10	2.78	7.41	0.010
	4	1/2.25	0.40	0.10	3.25	4.61	0.0085
	6	1/2.76	0.50	0.10	3.96	3.08	0.0070
	10	7/1.35	0.70	0.13	5.71	1.83	0.0070
	16	7/1.70	0.80	0.13	6.96	1.15	0.0050
	25	7/2.14	1.0	0.15	8.72	0.727	0.0050
	35	7/2.52	1.0	0.15	9.86	0.524	0.0040
	50	19/1.78	1.2	0.18	11.66	0.387	0.0045

注:FVNP(RVNP)电缆外径为FVN(RVN)加上4倍编织丝直径。
Notice: FVN(RVN) diameter of FVNP(RVNP) cable is added four times the diameter of braided weaving

THHN/THWN聚氯乙烯绝缘尼龙护套绝缘电线

THHN/THWN PVC insulated Nylon sheathed Cable

●产品使用说明(Product description)

THHN/THWN尼龙护套绝缘线根据UL758、UL62、UL83标准而设计制造的，它主要用工程建筑、电气线路安装等、它具有更优良的电气和物理性能、较好的耐热性，可减缓或降低PVC组份的逸出或迁移。尼龙护套线具有耐腐性和自润滑性及耐油的特点，同时还具有外径小、重量轻、静磨擦系数小和耐腐蚀等特点，可提高敷设中的安全性和适用性。

THHN/THWN PVC insulated Nylon sheathed cable is manufactured according to the standards of UL758,UL62,UL83，it is mainly used in construction and electrical wiring installation, it has heat resistance, good electrical and physical properties of the more excellent, can slow or reduce the PVC component of the escape or migration.

●产品结构尺寸及电气性能(Product structure and Electrical properties)

美国线规（AWG）	导体结构 Conductor structure 根数/线径 Roots×Diameter n/mm	导体外径 Conductor Diameter mm	PVC绝缘最小厚度 Insulation Thickness mm	PVC绝缘参考外径 Insulation Diameter mm	尼龙护套最小厚度 Nylon Thickness mm	电缆参考外径 Diameter mm	20℃最大直流电阻 Resistance at 20℃ Ω/km
22	1/0.643	0.64	0.38	1.46	0.10	1.66	54.3
22	7/0.254	0.76	0.38	1.58	0.10	1.78	54.3
22	11/0.200	0.77	0.38	1.59	0.10	1.79	54.3
22	17/0.160	0.76	0.38	1.58	0.10	1.78	54.3
20	1/0.813	0.81	0.38	1.63	0.10	1.83	33.9
20	7/0.310	0.93	0.38	1.75	0.10	1.95	33.9
20	21/0.180	0.95	0.38	1.77	0.10	1.97	33.9
20	26/0.160	0.94	0.38	1.76	0.10	1.96	33.9
18	1/1.020	1.02	0.38	1.84	0.10	2.04	21.4
18	7/0.390	1.17	0.38	1.99	0.10	2.19	21.4
18	16/0.254	1.17	0.38	1.99	0.10	2.19	21.4
18	34/0.180	1.21	0.38	2.03	0.10	2.23	21.4
18	41/0.160	1.18	0.38	2.00	0.10	2.20	21.4
16	1/1.300	1.30	0.38	2.12	0.10	2.32	13.7

THHN/THWN聚氯乙烯绝缘尼龙护套绝缘电线

THHN/THWN PVC insulated Nylon sheathed Cable

●产品结构尺寸及电气性能(Product structure and Electrical properties)

美国线规（AWG）	导体结构 Conductor structure 根数/线径 Roots×Diameter n/mm	导体外径 Conductor Diameter mm	PVC绝缘最小厚度 Insulation Thickness mm	PVC绝缘参考外径 Insulation Diameter mm	尼龙护套最小厚度 Nylon Thickness mm	电缆参考外径 Diameter mm	20℃最大直流电阻 Resistance at 20℃ Ω/km
16	7/0.500	1.50	0.38	2.32	0.10	2.52	13.7
16	19/0.300	1.50	0.38	2.32	0.10	2.52	13.7
16	26/0.254	1.49	0.38	2.31	0.10	2.51	13.7
16	65/0.160	1.49	0.38	2.31	0.10	2.51	13.7
14	1/1.630	1.63	0.38	2.45	0.10	2.65	8.45
14	7/0.620	1.86	0.38	2.68	0.10	2.88	8.45
14	19/0.373	1.87	0.38	2.69	0.10	2.89	8.45
14	41/0.254	1.88	0.38	2.70	0.10	2.90	8.45
14	105/0.160	2.15	0.38	2.97	0.10	3.17	8.45
12	1/2.060	2.06	0.38	2.88	0.10	3.08	5.31
12	7/0.810	2.43	0.38	3.25	0.10	3.45	5.31
12	19/0.480	2.40	0.38	3.22	0.10	3.42	5.31
12	65/0.254	2.36	0.38	3.18	0.10	3.38	5.31
10	1/2.588	2.59	0.51	3.69	0.13	3.95	3.36
10	7/0.980	2.94	0.51	4.04	0.13	4.30	3.36
10	19/0.595	2.98	0.51	4.08	0.13	4.34	3.36
10	49/0.370	2.99	0.51	4.09	0.13	4.35	3.36
10	105/0.254	3.41	0.51	4.51	0.13	4.77	3.36
8	1/3.270	3.27	0.76	4.85	0.13	5.11	2.11
8	7/1.250	3.75	0.76	5.33	0.13	5.59	2.11
8	19/0.750	3.75	0.76	5.33	0.13	5.59	2.11
8	78/0.370	4.28	0.76	5.86	0.13	6.12	2.11
8	168/0.254	4.31	0.76	5.89	0.13	6.15	2.11
6	7/1.630	4.89	0.76	6.47	0.13	6.73	1.33
6	19/0.950	4.75	0.76	6.33	0.13	6.59	1.33
6	66/0.511	5.43	0.76	7.01	0.13	7.27	1.33
6	105/0.404	5.42	0.76	7.00	0.13	7.26	1.33
6	126/0.370	5.43	0.76	7.01	0.13	7.27	1.33
6	266/0.254	5.48	0.76	7.06	0.13	7.32	1.33

额定电压0.6/1kV及以下单芯无卤阻燃绝缘电线

Rated Voltage 0.6/1kv Halogen-free flame retardant insulation wire

●产品使用说明(Product description)

单芯无卤阻燃绝缘电线主要是根据GB/T5023-2008、GB/T12706-2008标准而设计制造的，电缆的阻燃性能符合GB/T19666-2005、GB/T17650-1998、GB/T17651-1998、GB/T18380-2001的规定。

The Cable is manufactured according to the standards of GB/T5023-2008、GB/T12706-2008, Flame retardant properties of the cable comply with the provisions of GB/T19666-2005, GB/T17650-1998, GB/T17651-1998, GB/T18380-2001.

单芯无卤阻燃绝缘电线主要用于工程建筑、地铁、核电站以及人群密集的场合的综合布线，以及电器设备内的电源及信号连接。

The Cable is mainly used for integrated wiring in the construction, subway, nuclear power station and crowded places, as well as connection with the power and signal of electrical equipment.

●产品名称(Product Name)

型号 Type	名 称 Description
WDZD-RY	无卤低烟聚烯烃绝缘阻燃D类固定布线用软电线 LSZH polyolefin insulating flame retardant D type fixed wiring with soft wire
WDZD-BY	无卤低烟聚烯烃绝缘阻燃D类固定布线用电线 LSZH polyolefin insulating flame retardant D type fixed wiring with wire
WDZD-RYJ	无卤低烟交联聚烯烃绝缘阻燃D类固定布线用软电线 LSZH crosslinked polyolefin insulating flame retardant D type fixed wiring with soft wire
WDZD-BYJ	无卤低烟交联聚烯烃绝缘阻燃D类固定布线用电线 LSZH crosslinked polyolefin insulating flame retardant D type fixed wiring with wire
WDZC-RY	无卤低烟聚烯烃绝缘阻燃C类固定布线用软电线 LSZH polyolefin insulating flame retardant C type fixed wiring with soft wire
WDZC-BY	无卤低烟聚烯烃绝缘阻燃C类固定布线用电线 LSZH polyolefin insulating flame retardant C type fixed wiring with wire
WDZC-RYJ	无卤低烟交联聚烯烃绝缘阻燃C类固定布线用软电线 LSZH crosslinked polyolefin insulating flame retardant C type fixed wiring with soft wire
WDZC-BYJ	无卤低烟交联聚烯烃绝缘阻燃C类固定布线用电线 LSZH crosslinked polyolefin insulating flame retardant C type fixed wiring with wire
WDZB-RY	无卤低烟聚烯烃绝缘阻燃B类固定布线用软电线 LSZH polyolefin insulating flame retardant B type fixed wiring with soft wire
WDZB-BY	无卤低烟聚烯烃绝缘阻燃B类固定布线用电线 LSZH polyolefin insulating flame retardant B type fixed wiring with wire
WDZB-RYJ	无卤低烟交联聚烯烃绝缘阻燃B类固定布线用软电线 LSZH crosslinked polyolefin insulating flame retardant B type fixed wiring with soft wire
WDZB-BYJ	无卤低烟交联聚烯烃绝缘阻燃B类固定布线用电线 LSZH crosslinked polyolefin insulating flame retardant B type fixed wiring with wire

额定电压0.6/1kV及以下单芯无卤阻燃绝缘电线

Rated Voltage 0.6/1kv Halogen-free flame retardant insulation wire

●产品结构尺寸(Product structure)mm

类型 Type	规格 Standard mm²	导体 Conductor		标称厚度 Thickness			标称外径 Diameter		
		根/丝径 Roots×Diameter	外径 Diameter	300/500V	450/750V	0.6/1kV	300/500V	450/750V	0.6/1kV
WDZD-RY WDZD-RYJ WDZC-RY WDZC-RYJ WDZB-RY WDZB-RYJ	0.5	16/0.20	0.92	0.6	0.7	0.8	2.12	2.32	2.52
	0.75	24/0.20	1.13	0.6	0.7	0.8	2.33	2.53	2.73
	1	32/0.20	1.31	0.6	0.7	0.8	2.51	2.71	2.91
	1.5	30/0.25	1.58	–	0.7	0.8	–	2.98	3.18
	2.5	49/0.25	2.02	–	0.8	0.9	–	3.62	3.82
	4	56/0.30	2.59	–	0.8	0.9	–	4.19	4.39
	6	84/0.30	3.60	–	0.8	1.0	–	5.20	5.60
	10	84/0.40	4.80	–	0.8	1.0	–	6.40	6.80
	16	126/0.40	5.88	–	1.0	1.2	–	7.88	8.28
	25	196/0.40	7.33	–	1.2	1.4	–	9.73	10.13
	35	276/0.40	9.20	–	1.2	1.4	–	11.60	12.00
	50	396/0.40	11.02	–	1.4	1.6	–	13.82	14.22
	70	360/0.50	13.13	–	1.4	1.6	–	15.93	16.33
WDZD-BY WDZD-BYJ WDZC-BY WDZC-BYJ WDZB-BY WDZB-BYJ	0.5	1/0.80	0.80	0.6	0.7	0.8	2.00	2.20	2.40
	0.75	1/0.97	0.97	0.6	0.7	0.8	2.17	2.37	2.57
	1	1/1.13	1.13	0.6	0.7	0.8	2.33	2.53	2.73
	1.5	1/1.37	1.38	–	0.7	0.8	–	2.78	2.98
	2.5	1/1.76	1.76	–	0.8	0.9	–	3.36	3.56
	4	1/2.24	2.25	–	0.8	0.9	–	3.85	4.05
	6	1/2.73	2.76	–	0.8	1.0	–	4.36	4.76
	10	7/1.33	4.05	–	0.8	1.0	–	5.65	6.05
	16	7/1.70	5.10	–	1.0	1.2	–	7.10	7.50
	25	7/2.12	6.42	–	1.2	1.4	–	8.82	9.22
	35	7/2.50	7.56	–	1.2	1.4	–	9.96	10.36
	50	19/1.78	8.90	–	1.4	1.6	–	11.70	12.10
	70	19/2.12	10.70	–	1.4	1.6	–	13.50	13.90

额定电压600V及以下电器布线用UL电子线

UL electronic wire of Rated Voltages 600V

●产品使用说明(Product description)

电器布线用UL电子线是根据UL758、UL62、UL83、UL1581标准而设计制造的，主要用于电器内部布线及其它控制系统的线路连接。

UL electronic wire is manufactured according to the standards of UL758,UL62,UL83,UL1581, it mainly used for connecting the line in the electrical equipment and other internal control system.

●产品名称(Product Name)

项目 Item	1007	1015	1569	1185	1618	3173	3195	3266	3271	3272	3321
额定电压V Rated voltage	300	600	300	300	300	600	600	300	600	600	600
额定温度 ℃ Rated temperature	80	105	105	80	80	125	125	125	125	125	150

●导体参考结构及直流电阻（Conductor structure and Resistance）

美国线规（AWG）	导体结构 Conductor structure 根数/线径 n/mm	导体外径 Diameter mm	20℃最大直流电阻 Max Resistance Ω/km	美国线规（AWG）	导体结构 Conductor structure 根数/线径 n/mm	导体外径 Diameter mm	20℃最大直流电阻 Max Resistance Ω/km
22	1/0.643	0.64	54.3	16	19/0.300	1.50	13.5
22	7/0.254	0.76	54.3	16	26/0.254	1.49	13.5
22	11/0.200	0.77	54.3	16	65/0.160	1.49	13.5
22	17/0.160	0.76	54.3	14	1/1.630	1.63	8.45
20	1/0.813	0.81	33.9	14	7/0.620	1.86	8.45
20	7/0.310	0.93	33.9	14	19/0.373	1.87	8.45
20	21/0.180	0.95	33.9	14	41/0.254	1.88	8.45
20	26/0.160	0.94	33.9	14	105/0.160	2.15	8.45
18	1/1.020	1.02	21.4	12	1/2.060	2.06	5.31
18	7/0.390	1.17	21.4	12	7/0.810	2.43	5.31
18	16/0.254	1.17	21.4	12	19/0.480	2.40	5.31
18	34/0.180	1.21	21.4	12	65/0.254	2.36	5.31
18	41/0.160	1.18	21.4	10	1/2.588	2.59	3.36
16	1/1.300	1.30	13.5	10	7/0.980	2.94	3.36
16	7/0.500	1.50	13.5	10	19/0.595	2.98	3.36

额定电压600V及以下电器布线用UL电子线

UL electronic wire of Rated Voltages 600V

●导体参考结构及直流电阻（Conductor structure and Resistance）续

美国线规（AWG）	导体结构 Conductor structure 根数/线径 n/mm	导体外径 Diameter mm	20℃最大直流电阻 Max Resistance Ω/km	美国线规（AWG）	导体结构 Conductor structure 根数/线径 n/mm	导体外径 Diameter mm	20℃最大直流电阻 Max Resistance Ω/km
10	49/0.370	2.99	3.36	4	105/0.511	6.85	0.84
10	105/0.254	3.41	3.36	4	168/0.404	6.85	0.84
8	1/3.270	3.27	2.11	4	420/0.254	6.81	0.84
8	7/1.250	3.75	2.11	2	7/2.473	7.42	0.53
8	19/0.750	3.75	2.11	2	19/1.510	7.55	0.53
8	78/0.370	4.28	2.11	2	266/0.404	8.62	0.53
8	168/0.254	4.31	2.11	2	312/0.370	8.55	0.53
6	7/1.630	4.89	1.33	2	672/0.254	8.62	0.53
6	19/0.950	4.75	1.33	1	7/2.780	8.34	0.42
6	66/0.511	5.43	1.33	1	19/1.690	8.45	0.42
6	105/0.404	5.42	1.33	1	209/0.511	9.67	0.42
6	126/0.370	5.43	1.33	1	340/0.400	9.52	0.42
6	266/0.254	5.48	1.33	1	396/0.370	9.06	0.42
4	7/1.961	5.88	0.84	1	840/0.254	9.50	0.42
4	19/1.200	6.00	0.84				

●产品绝缘厚度（Thickness）

美国线规（AWG）	最小绝缘厚度 Min. Insulation Thickness (mm)										
	1007	1015	1569	1185	1618	3173	3195	3266	3271	3272	3321
22	0.38	0.76	0.38	0.38	0.38	0.79	0.79	0.76	0.76	0.76	0.76
20	0.38	0.76	0.38	0.38	0.38	0.79	0.79	0.76	0.76	0.76	0.76
18	0.38	0.76	0.38	0.38	0.38	0.79	0.79	0.76	0.76	0.76	0.76
16	0.38	0.76	0.38	0.38	0.38	0.79	0.79	0.76	0.76	0.76	0.76
14	–	0.76	–	0.76	–	0.79	0.79	0.76	0.76	0.76	0.76
12	–	0.76	–	0.76	–	0.79	0.79	0.76	0.76	0.76	0.76
10	–	0.76	–	0.76	–	0.79	0.79	0.76	0.76	0.76	0.76
8	–	1.14	–	1.14	–	1.19	1.19	1.14	1.14	1.14	1.14
6	–	1.52	–	1.52	–	–	–	1.52	1.52	1.14	1.14
4	–	1.52	–	1.52	–	–	–	1.52	1.52	1.14	1.14
2	–	1.52	–	1.52	–	–	–	–	1.52	–	1.52
1	–	2.03	–	2.03	–	–	–	–	2.03	–	2.03

公路车辆用低压电缆（电线）及薄壁电线
Compensating wire and cable for thermocouple

•产品使用说明(Product description)

公路车辆用低压电缆(电线)主要依据JB/T8139-1999《公路车辆用低压电缆(电线)》(等效采用ISO6722：1985)而生产的，适用于以汽车为代表的各类车辆内的电气线路的连接。

The products is manufactured according to the standards of JB/T8139-1999, it's used for connecting the circuitry in the vehicle especially the automobiles.

汽车用薄壁绝缘低压电线主要依据QC/T730-2005《汽车用薄壁绝缘低压电线》（非等效采用ISO6722：2002）而生产的，适用于汽车电气系统额定电压大于60V（直流）的线路连接。

The products is manufactured according to the standards of QC/T730-2005, it's used for connecting the Circuitry in the vehicle electrical system rated higher than 60V (DC).

电缆具有阻燃及耐油性能

Cables are flame retardant and oil resistance

•产品型号及名称(Product Name)

产品型号 Type	产品名称 Product Name
QVR	公路车辆用铜芯聚氯乙烯绝缘低压电线 Copper-core PVC Insulated Low-voltage Wire for Highroad Vehicle
QFR	公路车辆用铜芯聚氯乙烯-丁晴复合物绝缘及护套低压电线 Copper-core PVC Butyronitrile Compound Insulated Low- voltage Wire for Highroad Vehicle
QVR-105	公路车辆用铜芯耐热105℃聚氯乙烯绝缘低压电线 Copper-core High-temperature Resistant 105℃ PVC Insulated Low-voltage Wire for Highroad Vehicle
QB-A	汽车用85℃聚氯乙烯薄壁绝缘低压电线 85℃ PVC Thin-wall Insulated Low-voltage Wire for Highroad Vehicle
QB-B	汽车用105℃聚氯乙烯薄壁绝缘低压电线 105℃ PVC Thin-wall Insulated Low-voltage Wire for Highroad Vehicle
QB-C	汽车用125℃交联聚乙烯薄壁绝缘低压电线 125℃ XLPE Thin-wall Insulated Low-voltage Wire for Highroad Vehicle
QB-D	汽车用150℃交联聚乙烯薄壁绝缘低压电线 150℃ XLPE Thin-wall Insulated Low-voltage Wire for Highroad Vehicle
QCB-A	汽车用85℃聚氯乙烯超薄壁绝缘低压电线 85℃ PVC Ultra-Thin wall Insulated Low-voltage Wire for Highroad Vehicle
QCB-B	汽车用105℃聚氯乙烯超薄壁绝缘低压电线 105℃ PVC Ultra-Thin wall Insulated Low-voltage Wire for Highroad Vehicle
QCB-C	汽车用125℃交联聚乙烯超薄壁绝缘低压电线 125℃ XLPE Ultra-Thin wall Insulated Low-voltage Wire for Highroad Vehicle
QCB-D	汽车用150℃交联聚乙烯超薄壁绝缘低压电线 150℃ XLPE Ultra-Thin wall Insulated Low-voltage Wire for Highroad Vehicle

XLPE

公路车辆用低压电缆（电线）及薄壁电线
Compensating wire and cable for thermocouple

•产品结构尺寸(Product structure)mm

导体标称截面 Nominal cross mm²	导体结构 Conductor structure mm	QVR、QFR、QFR-105		QB-A、QB-B、QB-C、QB-D		QCB-A、QCB-B、QCB-C、QCB-D	
		标称厚度 Thickness mm	绝缘外径 Diameter mm	标称厚度 Thickness mm	绝缘外径 Diameter mm	标称厚度 Thickness mm	绝缘外径 Diameter mm
0.3	16/0.15	0.3	1.29	–	–	–	–
0.35	12/0.20	–	–	0.25	1.30	0.20	1.20
0.4	23/0.15	0.3	1.43	–	–	–	–
0.5	16/0.20	0.6	2.12	0.28	1.48	0.20	1.32
0.75	24/0.20	0.6	2.33	0.30	1.72	0.20	1.52
1	32/0.20	0.6	2.51	0.30	1.91	0.20	1.71
1.5	30/0.25	0.6	2.78	0.30	2.18	0.20	1.98
2	65/0.20	–	–	0.35	2.56	0.25	2.36
2.5	49/0.25	0.7	3.42	0.35	2.72	0.25	2.52
3	65/0.25	–	–	0.40	3.13	–	–
4	56/0.30	0.8	4.19	0.40	3.39	–	–
5	70/0.30	–	–	0.40	4.08	–	–
6	84/0.30	0.8	5.20	0.40	4.40	–	–
10	84/0.40	1.0	6.80	0.60	6.00	–	–
16	126/0.40	1.0	7.88	0.65	7.18	–	–
25	196/0.40	1.3	9.93	0.65	8.63	–	–
35	276/0.40	1.3	11.80	–	–	–	–

•产品电气性能(Electrical properties)

导体标称截面 Nominal cross mm²	交流试验电压 Test Voltage kV	击穿试验电压 Breakdown test voltage kV	70℃最小绝缘体积电阻系数 Insulation resistance Coefficient at 70℃ Min. Ω.cm		20℃时直流电阻 Resistance at 20℃（Ω/m）	
			QVR、QFR、QFR-105	QB、QCB	不镀锡 NO-Tinned	镀锡 Tinned
0.3	1	5	10^8	10^9	69.2	71.2
0.35	1	5	10^8	10^9	54.4	55.5
0.4	1	5	10^8	10^9	48.2	49.6
0.5	1	5	10^8	10^9	39.0	40.1
0.75	1	5	10^8	10^9	26.0	26.7
1.0	1	5	10^8	10^9	19.5	20.0
1.5	1	5	10^8	10^9	13.3	13.7
2	1	5	10^8	10^9	9.42	9.69
2.5	1	5	10^8	10^9	7.98	8.21
3	1	5	10^8	10^9	6.15	6.36
4	1	5	10^8	10^9	4.95	5.09
5	1	5	10^8	10^9	3.94	4.02
6	1	5	10^8	10^9	3.30	3.39
10	1	5	10^8	10^9	1.91	1.95
16	1	5	10^8	10^9	1.21	1.24
25	1	5	10^8	10^9	0.780	0.795
35	1	5	10^8	10^9	0.554	0.565

聚氯乙烯绝缘单芯绝缘电线（电缆）
PVC Insulated Single core Wires(Cable)

●产品使用说明(Product description)

聚氯乙烯绝缘单芯电线（电缆）是按照GB/T5023-2008、JB/T8734-2012生产制造的，适用于交流额定电压450/750V及以下电力、控制及布线系统，广泛用于工程建筑、低压线路，高速公路监控、公路照明等。

PVC Insulated Cable is manufactured according to the standards of GB/T5023-2008 ,JB/T8734-2012.The cables is fit for the power and control system with the AC rated voltage 450/750V or below,they can be used in the construction and low line, road lighting.

●产品名称(Product Name)

型 号 Type	名 称 Description
60227IEC01（BV）	一般用途单芯硬导体无护套电缆 Single-core hard Conductor No-jacket Cable
60227IEC02（RV）	一般用途单芯软导体无护套电缆 Single-core Soft Conductor No-jacket Cable
60227IEC05（BV）	内部布线用导体温度为70℃的单芯硬导体无护套电缆 Single-core Solid Conductor No-jacket Inner Wire-layout Cable (Conductor Heat-resistant 70℃)
60227IEC06（RV）	内部布线用导体温度为70℃的单芯软导体无护套电缆 Single-core Solid Conductor No-jacket Inner Wire-layout Cable (Conductor Soft-resistant 70℃)
BV	铜芯聚氯乙烯绝缘电线 Copper core PVC insulated wires
BVR	铜芯聚氯乙烯绝缘软电缆 Copper core PVC insulated soft wires
AVR	铜芯聚氯乙烯绝缘安装用软电缆 Copper core PVC insulated installation soft wires

●产品结构尺寸及电气性能(Product structure and Electrical properties)

铜芯聚氯乙烯绝缘安装用软电缆 AVR-300/300V
Copper core PVC insulated installation soft wires AVR-300/300V

标称截面 Nominal cross mm²	导体参考结构 Conductor structure mm	绝缘厚度 Thickness mm	电缆外径 Diameter（参考） mm	20℃最大直流电阻 Resistance（Ω/km）		70℃最小绝缘电阻 Insulation Resistance MΩ.km
				铜 Copper	镀锡铜 Tinned Copper	
0.08	7/0.12	0.4	1.17	247	254	0.018
0.12	7/0.15	0.4	1.26	158	163	0.016
0.2	12/0.15	0.4	1.40	92.3	95.0	0.014
0.3	16/0.15	0.5	1.69	69.2	71.2	0.014
0.4	23/0.15	0.5	1.83	48.2	49.6	0.012

聚氯乙烯绝缘单芯绝缘电线（电缆）
PVC Insulated Single core Wires(Cable)

铜芯聚氯乙烯绝缘软电缆BVR-450/750V
Copper core PVC insulated soft wires BVR-450/750V

标称截面 Nominal cross mm²	导体参考结构 Conductor structure mm	绝缘厚度 Thickness mm	电缆外径 Diameter（参考） mm	20℃最大直流电阻 Resistance（Ω/km）		70℃最小绝缘电阻 Resistance MΩ.km
				铜 Copper	镀锡铜 Tinned Copper	
2.5	19/0.41	0.8	3.65	7.41	7.56	0.011
4	19/0.52	0.8	4.20	4.61	4.70	0.009
6	19/0.64	0.8	4.80	3.08	3.11	0.0084
10	49/0.52	1.0	6.68	1.83	1.84	0.0072
16	49/0.64	1.0	7.76	1.15	1.16	0.0062
25	98/0.58	1.2	9.91	0.727	0.734	0.0058
35	133/0.58	1.2	11.10	0.524	0.529	0.0052
50	133/0.68	1.4	13.00	0.387	0.391	0.0051

铜芯聚氯乙烯绝缘电线BV-300/500V
Copper core PVC insulated wires BV-300/500V

标称截面 Nominal cross mm²	导体参考结构 Conductor structure mm	绝缘厚度 Thickness mm	电缆外径 Diameter（参考） mm	20℃最大直流电阻 Resistance（Ω/km）		70℃最小绝缘电阻 Resistance MΩ.km
				铜 Copper	镀锡铜 Tinned Copper	
0.75	7/0.37	0.6	2.31	24.5	24.8	0.014
1.0	7/0.43	0.6	2.49	18.1	18.2	0.013

一般用途单芯硬导体无护套电缆60227IEC01（BV）-450/750V
Single-core hard Conductor No-jacket Cable 60227IEC01（BV）-450/750V

标称截面 Nominal cross mm2	导体参考结构 Conductor structure mm	绝缘厚度 Thickness mm	电缆外径 Diameter（参考） mm	20℃最大直流电阻 Resistance（Ω/km）		70℃最小绝缘电阻 Resistance MΩ.km
				铜 Copper	镀锡铜 Tinned Copper	
1.5	1/1.38	0.7	2.78	12.1	12.2	0.11
1.5	7/0.52	0.7	2.96	12.1	12.2	0.10
2.5	1/1.78	0.8	3.38	7.41	7.56	0.10
2.5	7/0.68	0.8	3.64	7.41	7.56	0.09
4	1/2.25	0.8	3.85	4.61	4.70	0.085
6	1/2.76	0.8	4.36	3.08	3.11	0.070
10	7/1.35	1.0	6.05	1.83	1.84	0.070
16	7/1.70	1.0	7.10	1.15	1.16	0.050
25	7/2.14	1.2	8.82	0.727	0.734	0.050
35	7/2.52	1.2	9.96	0.524	0.529	0.043
50	19/1.78	1.4	11.70	0.387	0.391	0.043

聚氯乙烯绝缘单芯绝缘电线（电缆）

PVC Insulated Wires(Cable)

●产品结构尺寸及电气性能(Product structure and Electrical properties)

一般用途单芯软导体无护套电缆60227IEC02（RV）-450/750V

Single-core Soft Conductor No-jacket Cable（RV）-450/750V

标称截面 Nominal cross mm^2	导体参考结构 Conductor structure mm	绝缘厚度 Thickness mm	电缆外径 Diameter（参考） mm	20℃最大直流电阻 Resistance（Ω/km）		70℃最小绝缘电阻 Resistance MΩ.km
				铜 Copper	镀锡铜 Tinned Copper	
1.5	30/0.25	0.7	2.99	13.3	13.7	0.01
2.5	49/0.25	0.8	3.63	7.98	8.21	0.09
4	56/0.30	0.8	4.20	4.95	5.09	0.07
6	84/0.30	0.8	5.20	3.30	3.39	0.06
10	84/0.40	1.0	6.80	1.91	1.95	0.056
16	126/0.40	1.0	7.88	1.21	1.24	0.046
25	196/0.40	1.2	9.73	0.78	0.795	0.044
35	276/0.40	1.2	11.60	0.554	0.565	0.038
50	30/0.25	1.4	2.99	0.386	0.393	0.037

内部布线用导体温度为70℃的单芯实芯导体无护套电缆60227IEC05（BV）-300/500V

Single-core Solid Conductor No-jacket Inner Wire-layout Cable (Conductor Heat-resistant 70℃)

标称截面 Nominal cross mm^2	导体参考结构 Conductor structure mm	绝缘厚度 Thickness mm	电缆外径 Diameter（参考） mm	20℃最大直流电阻 Resistance（Ω/km）		70℃最小绝缘电阻 Resistance MΩ.km
				铜 Copper	镀锡铜 Tinned Copper	
0.5	1/0.80	0.6	2.00	36.0	36.7	0.015
0.75	1/0.97	0.6	2.17	24.5	24.8	0.012
1.0	1/1.13	0.6	2.33	18.1	18.2	0.011

内部布线用导体温度为70℃的单芯软导体无护套电缆60227IEC06（RV）-300/500V

Single-core Solid Conductor No-jacket Inner Wire-layout Cable (Conductor Soft-resistant 70℃)

标称截面 Nominal cross mm^2	导体参考结构 Conductor structure mm	绝缘厚度 Thickness mm	电缆外径 Diameter（参考） mm	20℃最大直流电阻 Resistance（Ω/km）		70℃最小绝缘电阻 Resistance MΩ.km
				铜 Copper	镀锡铜 Tinned Copper	
0.5	16/0.20	0.6	2.12	39.0	40.1	0.013
0.75	24/0.20	0.6	2.33	26.0	26.7	0.011
1.0	32/0.20	0.6	2.51	19.5	20.0	0.010

智能复合电缆

Intelligent composite cable

●产品使用说明(Product description)

智能复合电缆是集电力供应，电信号及视频信号传输于一体的多功能电缆，主要应用于工厂、机关、矿山、电站、智能大楼、住宅小区等场合的电力供应及各种信号的控制与传输。

Composite cables are mainly used in factories and offices, mines, power stations, intelligent buildings, residential quarters and other occasions with the power supply and various control and signal transmission.

可以根据使用的使用要求，为用户设计各种特殊的智能复合电缆。

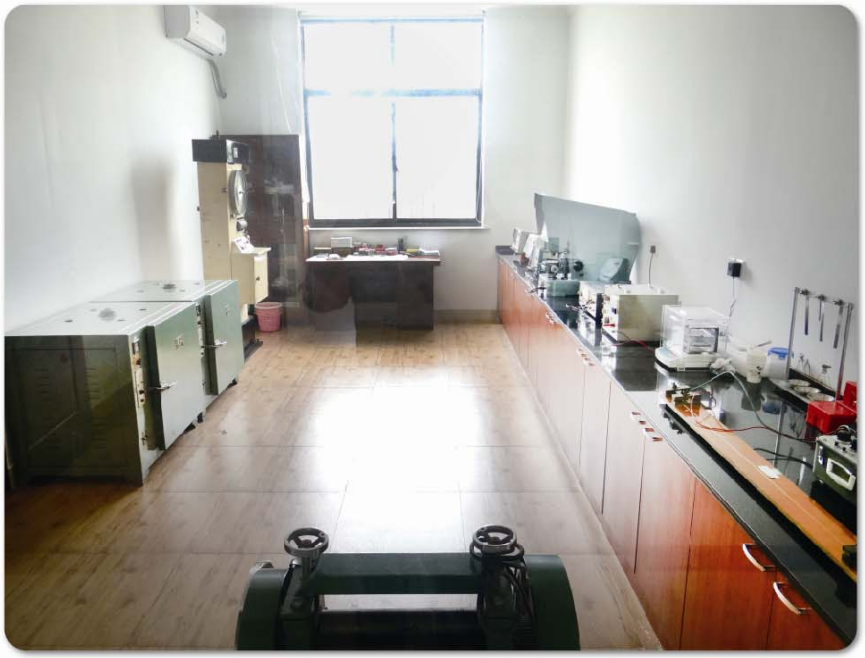
It can be used in the using according to the requirements of users, designed various special intelligent composite cable for users .

●电缆分类(Cable category)

分类 Category	复合组成内容 Content	应用 Application
1	电源线+控制线 Power Wire and Control Cable	电力供应及信号控制 Power Supply AND Signal Contrl
2	视频线+电源线 Video Wire and Power Wire	电力供应及图像传输 Power Supply And Signal Control
3	视频线+控制线 Video Wire and Control Cable	视频传输及信号控制 Power Supply And Signal Control
4	视频线+网络线 Video Wire and Network Wire	视频传输、电话及计算机网络 Video Transmission And Signal Control
5	视频线+电源线+控制线 Video Wire and Power Wire and Control Cable	视频传输、电力供应及信号控制 Video Tranmission, Power Supply And Signal Control
6	视频线+音频线+电源线+控制线 Video Wire and Audio Wire and power Wire and Control Cable	音视频传输、电力供应及信号控制 Video-Audio Tranmission, Power Supply And Signal Control
7	视频线+网络线+电源线+控制线 Video Wire and Network Wire and power Wire and Control Cable	视频传输、电话及计算机网络，电力供应及信号控制 Video Transmission, Telephone And Computer Network, Power Supply And Signal Control
8	视频线+音频线+网络线+电源线+控制线 Video Wire and Audio Wrie and Network Wire and power Wire and Control Cable	音视频传输、电话及计算机网络，电力供应及信号控制 Video-Audio Transmission, Telephone And Computer Network, Power Supply And Signal Control

●电缆组成(Cable inclusion)

子线名称 Sub-Wire name	可选子线型号 Optional-wire sub-wire Type
视频线Video Wire	SYV-75-2、SYV-75-3、SYV-75-5、SYV-75-7、SYWV-75-3、SYWV-75-5、SYWV-75-7
电源线Power Wire	RV、BV、RVV、BVV、VV、YJV
控制线Control Cable	RV、BV、RVV、KVVP、KVVRP3、DJYVP、DJYPVP、DJYVP3、DJYPVP3
网络线Network Wire	5类电缆(UTP、STP、S.UTP、S.STP)及超五类电缆Five Cable(UTP、STP、S.UTP、S.STP)And Cat 5e Cable



现代化的生产检测设备 Modern>> Management

Prduction Equipment

让人们更安全、更便利的用电，这是我们技术领先的关键。所以我们开阔的技术视野不仅是前瞻性的，而且更具有人性化了。

Make people safer and more convenient use of electricity, which is the key to our technology leadership. So we broaden horizons are not only looking technology, but also more humane.

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JIANGSU ELESUN CABLE CO.,LTD.

地　址：江苏省镇江市丹徒新城盛园路26号
邮　编：212028
电　话：0511-85623291　85623519
传　真：0511-85632367
网　址：www.cnals.com
邮　箱：sales@cnals.com

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江苏艾力升电缆有限公司
JIANGSU ELESUN CABLE CO.,LTD.

>> 产品选型手册

专业·创新
求精·守信

中国·镇江

Introduction of the company

企业简介

江苏艾力升电缆有限公司，座落在风景秀丽的古城镇江丹徒新城工业园内，毗邻312国道三山段，紧倚沪宁高速镇江南出口，交通十分便捷，是园内又一个创新型科技企业。

公司主要致力于同轴电缆、信号控制电缆的研发与制造，年生产能力3亿元。公司吸呐和引进了西欧先进的管理经验，配备了一流的生产检测设备。公司特别注重人才的引进，技术力量雄厚，形成了一套独特的研发、生产、营销模式。公司从成立到现在，虽然短短十多年，艾力升电缆经历了跳跃式的发展，在国内外市场享有了较高的知名度。

公司具有一整套完整的质量保证体系，先后通过了国家3C安全认证、美国UL产品认证、ISO9001国际质量体系认证。公司历来注重科技投入，重视产品开发，“没有最好，只有更好！”是我们永远不变的追求。

Jiangsu Elesun Cable Co.,Ltd.,located in the beautiful scenery of the ancient city of Zhenjiang,detailed Dantu New Town Industrial Zone ,adjacent to the Sanshan town of the 312 natinal road,near to Zhenjiang south exit of Shanghai-Nanjing expressway . Traffic is very convenient and also is a innovative science and technology enterprise in the Zone.

Our company mainly specializing in RF coaxial cable and signal control cable, annual production capacity is 300 million .We also absorbed the advanced management experience from Western Europe,and equipped with first-class production testing equipment.At the same time,the company focus on the introduction of talent,also have a strong technical force,which formed a set of unique studying ,manufacturing and marketing mode. Though just only ten years, we've gone through by leaps and bounds of development from the foundation of the company ,abtained higher visibility at home and abroad.

Our company has a complete quality assurance system, also have passed the national 3C safety certification, the United States UL product certification and ISO9001 international quality system certification,which traditionally focused on investment in science and technology and the product engineering.Profession , innovation, refinement and trustworthy is our constant pursuit forever.