



屏蔽电缆 Shielded Cable

用于道路车辆高压系统电路用电缆。
Cable for high voltage circuit of road vehicle.

符合标准 Meet the Standard : GB/T 25087/ISO14572

电缆结构 Cable Structure



电缆特性 Features

- 使用温度-40°C~+125°C; -40°C~+150°C; -40°C~+180°C; -40°C~+200°C
Using temperature -40°C~+125°C;-40°C~+150°C;-40°C~+180°C;-40°C~+200°C
- 额定电压600V AC, 完全适用于1500V DC 高压条件
Rated voltage 600V AC,suitable for 1500V DC high voltage conditions
- 不含卤素, 遵循环保型产品发展方向
Halogen free, follow the environment-friendly product's developing direction
- 电缆材料满足GB/ T2408 HB、V0 燃烧等级
Cable material meets GB/ T2408 HB, V0 combustion grade
- 弯曲半径 $\geq 5 \times OD$, 易于安装
The belding radius not less than five times the cable 5 $\times OD$,easy to install

线材规格 Style of the cable (mm ²)	导体 Conductor				绝缘 Insulation			屏蔽 Shielded($\geq 85\%$)		护套 Jacket	
	导体结构 Conductor Construction n/mm	最大绞合外径 Stranded Dia. mm Max.	20°C最大电阻 Conductor Max Resistance AT 20°C (Ω/Km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	体积电阻率20°C时 Volume Resistivity AT 20°C ($\Omega \cdot mm$)	最大单丝 Max Dia. (mm)	绕包 Core Wrap	标称厚度 Nominal thickness (mm)	护套外径 Cable Dia (mm)	
EVP-YJ/SIR 1 \times 1.5屏蔽(shielded)	49/0.20AS	1.62	12.7	0.60	2.90 \pm 0.15	$\geq 10^{14}$	0.11TD	Al-mylar	0.60	4.90 \pm 0.20	
EVP-YJ/SIR 1 \times 2.5屏蔽(shielded)	80/0.20AS	2.06	7.60	0.70	3.50 \pm 0.15		0.11TD		0.70	5.70 \pm 0.20	
EVP-YJ/SIR 1 \times 4屏蔽(shielded)	133/0.20AS	2.66	4.71	0.80	4.30 \pm 0.20		0.16TD		0.80	6.90 \pm 0.25	
EVP-YJ/SIR 1 \times 6屏蔽(shielded)	190/0.20AS	3.42	3.14	0.80	5.10 \pm 0.20		0.16TD		0.80	7.60 \pm 0.25	
EVP-YJ/SIR 1 \times 10屏蔽(shielded)	323/0.20AS	4.40	1.82	1.00	6.50 \pm 0.20		0.16TD		1.00	9.40 \pm 0.25	
EVP-YJ/SIR 1 \times 16屏蔽(shielded)	513/0.20AS	5.70	1.16	1.00	7.90 \pm 0.25		0.16TD		1.00	10.80 \pm 0.40	
EVP-YJ/SIR 1 \times 25屏蔽(shielded)	798/0.20AS	6.70	0.743	1.30	9.60 \pm 0.25		0.21TD		1.30	13.30 \pm 0.40	
EVP-YJ/SIR 1 \times 35屏蔽(shielded)	1121/0.20AS	8.00	0.527	1.30	10.60 \pm 0.40		0.21TD		1.30	14.30 \pm 0.40	
EVP-YJ/SIR 1 \times 50屏蔽(shielded)	1596/0.20AS	9.50	0.368	1.50	12.50 \pm 0.40		0.21TD		1.50	16.70 \pm 0.50	
EVP-YJ/SIR 1 \times 70屏蔽(shielded)	2257/0.20AS	11.50	0.259	1.50	14.50 \pm 0.40		0.21TD		1.50	18.70 \pm 0.50	
EVP-YJ/SIR 1 \times 95屏蔽(shielded)	1887/0.254AS	13.50	0.196	1.60	16.90 \pm 0.50		0.21TD		1.60	21.30 \pm 0.60	
EVP-YJ/SIR 1 \times 120屏蔽(shielded)	2368/0.254AS	15.60	0.153	1.60	19.00 \pm 0.50		0.21TD		1.60	23.40 \pm 0.60	

备注: 1) 对于4平方以下屏蔽线缆结构为: 导体+绝缘+透明麦拉+编织+铝箔麦拉+护套。For $\leq 4mm^2$ cable: Conductor + Insulation + Mylar+Braid+Al-mylar+Jacket.
2) 详细尺寸以产品规格书为准。The product's detailed description please refer to the specification for approval.