



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 : LV216-2

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 / 900V DC, 完全适用于1500V DC高压条件
Rated voltage 600V AC / 900V DC, 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×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)	最小厚度 Min 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	最小厚度 Min. Thickness (mm)	护套外径 Cable Dia (mm)
EVP-YJ/SIR 1×2.5屏蔽(shielded)	80/0.20AS	2.06	7.60	0.28	2.85±0.15	$\geq 10^{14}$	0.16TD	Al-mylar	0.38	4.45±0.25
EVP-YJ/SIR 1× 4屏蔽(shielded)	120/0.20AS	2.80	4.71	0.32	3.55±0.15		0.16TD		0.38	5.55±0.25
EVP-YJ/SIR 1× 6屏蔽(shielded)	183/0.20AS	3.40	3.14	0.32	4.15±0.15		0.16TD		0.46	6.25±0.25
EVP-YJ/SIR 1×10屏蔽(shielded)	320/0.20AS	4.50	1.82	0.48	5.70±0.30		0.16TD		0.70	8.50±0.30
EVP-YJ/SIR 1×12屏蔽(shielded)	380/0.20AS	5.40	1.52	0.48	6.20±0.30		0.16TD		0.70	9.20±0.30
EVP-YJ/SIR 1×16屏蔽(shielded)	512/0.20AS	5.80	1.16	0.52	6.90±0.30		0.16TD		0.70	9.90±0.30
EVP-YJ/SIR 1×20屏蔽(shielded)	610/0.20AS	6.90	0.955	0.52	7.50±0.30		0.16TD		0.75	10.70±0.30
EVP-YJ/SIR 1×25屏蔽(shielded)	790/0.20AS	7.20	0.743	0.64	8.50±0.30		0.21TD		0.75	11.90±0.30
EVP-YJ/SIR 1×30屏蔽(shielded)	900/0.20AS	8.30	0.647	0.64	9.25±0.35		0.21TD		0.75	13.10±0.30
EVP-YJ/SIR 1×35屏蔽(shielded)	1070/0.20AS	8.50	0.527	0.64	10.15±0.35		0.21TD		0.80	14.10±0.30
EVP-YJ/SIR 1×40屏蔽(shielded)	1200/0.20AS	9.50	0.473	0.71	10.75±0.35		0.21TD		0.80	14.70±0.30
EVP-YJ/SIR 1×50屏蔽(shielded)	1600/0.20AS	10.50	0.368	0.71	11.85±0.35		0.21TD		0.80	15.50±0.30
EVP-YJ/SIR 1×70屏蔽(shielded)	2175/0.20AS	12.50	0.259	1.20	14.75±0.75		0.21TD		1.16	19.60±0.40

备注: 详细尺寸以产品规格书为准。The product's detailed description please refer to the specification for approval.