



DC 1500V



100m~6000m



Low Smoke Zero Halogen



Excellent Chemical & Oil resistance



-40°C ~ +90°C



UV Resistance



IEC62930/EN50618



Specification 技术参数

应用范围 Application	太阳能板及光伏系统连线 Internal wiring for solar panel and photovoltaic system	
认证 Approval	IEC 62930:2017	
额定电压 Rating voltage	AC 600/1000V DC 1500V	
测试电压 Test voltage	AC 6.5KV,50Hz 5min	
工作温度 Working temperature	-40~+90°C	
最高线温 Max Conduct temperature	120°C	
短路温度 Short circuit temperature	250°C 5S	
弯曲半径 Bending radius	≥12D	
寿命 Life Period	≥25 years	
导体直流电阻 ConductorMax.Resistance At 20 °C(Ω/km)	2*4mm ²	5.09
	2*6mm ²	3.39
	2*10mm ²	1.95
阻燃测试 Fire test	IEC 60332-1-2	
烟密度 Smoke density	EN 61034-2	
卤酸释放量 Content of halogen acid gas	EN 50525-1 AnnexB	
耐日光测试 Weathering/UV-resistance	EN 60811-501	
冷弯实验 Cold bending test	EN 60811-504	
耐酸碱测试 Resistance against acid and alkaline solution	EN 60811-404	

Structure 结构参数

标称截面 Cross Section (mm ²)	铜导体构造 Construction (No. / ±0.008mm)	导体外径 DIA. (mm)	钢带厚度 Steel strip thickness (mm)	绝缘厚度 Insulation Thickness (mm)	护套厚度 Jacket Thickness (mm)	线缆外径 Cable OD. (±0.2mm)
2×4	56/0.283	2.45	0.2	0.8	1.4	14
2×6	84/0.283	3.05	0.2	0.8	1.5	16
2×10	142/0.283	4.00	0.2	0.8	1.6	19

