



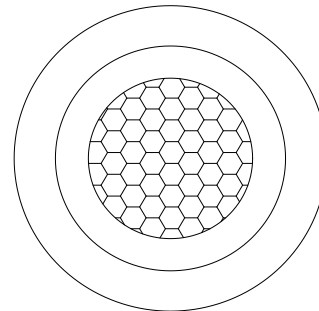
技术规格书

Approval Sheets

| | | |
|--------------------------|--------------------------------|--------------------|
| Customer/客户 | Baan Solar Cell Co.,Ltd | |
| Standard/标准 | TUV | |
| Construction/规格 | Solar Cable 4mm2 | |
| Conductor (导体) | | |
| Construction Item | Units | 6mm ² |
| Construction/构造 | mm | 56/0.28±0.008 |
| Material/材质 | --- | Tinned copper wire |
| O.D/绞合外径 | mm | 2.45 |
| Insulation (绝缘) | | |
| Material/材质 | --- | XLPO |
| Avg.Thick/标准厚度 | mm | 0.63 |
| Min.Thick最小厚度 | mm | 0.46 |
| O.D/线径 | mm | 3.65±0.2 |
| Color/颜色 | --- | Black |
| Twisted Pair (对绞) | | |
| Ins.Color/芯线颜色 | --- | / |
| Lay of Strand/绞距 | mm | / |
| O.D/绞合外径 | mm | / |
| Assemble (成缆) | | |
| Filling/填充 | --- | / |
| Lapping/包带 | --- | / |
| Drain.wire/地线 | --- | / |
| Covering (内护) | | |
| Material/材质 | --- | / |
| Avg.Thick/标准厚度 | mm | / |
| Min.Thick/最小厚度 | mm | / |
| O.D/线径 | mm | / |
| Color/颜色 | --- | / |
| Armour(铠装) | | |
| Construction/结构 | '--- | / |
| Coverage/覆盖率 | % | / |
| Shield (屏蔽) | | |
| Material/材质 | --- | / |
| Construction/结构 | --- | / |
| Coverage/覆盖率 | % | / |
| Jacket (护套) | | |
| Material/材质 | --- | XLPO |
| Avg.Thick/标准厚度 | mm | 0.65 |
| Min.Thick/最小厚度 | mm | 0.48 |
| O.D/线径 | mm | 5.5±0.2 |
| Color/颜色 | '--- | Black |
| Surface/外观 | --- | / |
| Marking (印字) | | |
| CUSTOMIZED | | |

| | |
|-------------|----------|
| Sheet NO/编号 | S0624012 |
|-------------|----------|

Construction Figure/截面图:



Electric Characters 电气性能

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|---|
| Voltage rating/额定电压:0.6/1kV |
| Temperature rating/温度等级:120°C |
| Dielectric strength/耐压强度:AC-6.5kV/1 sec MIN |
| Spark test/火花测试:AC-10kV/In the air |
| Conductor resistance/导体电阻: 3.56ΩKM Max at20°C |
| Weathering/UV-resistance/抗紫外线:720h, No cracking |
| Thermal endurance properties/热寿命: 25 Years |

Physical Properties 物理性能

| |
|--|
| Elongation of unaged values/老化前伸长率(%)≥125% |
| Tensile strength of unaged values /老化前抗张强度 (N/mm2):≥6.5&8.5 |
| Aged in a full draft circulating air oven/老化条件: 150±2.0°C/168h |
| Elongation of After aging/老化后伸长率(%)≥70% |
| Tensile strength of After aging/老化后抗张强度: ≥70% |
| Ozone resistance/耐臭氧性:72h No cracking |
| Cold bend test/冷弯: -40±2°C*16h No cracking |
| Cold impact test/冷冲击:-40°C*16h/1000g; 100mm No cracking |
| Flame test/阻燃性:EN60332-1-2 |

 **上海库卡电线电缆有限公司**
ShangHai Kuka Special Cable Co.,Ltd

Add:No.5878 TingWei Road JinShan District
ShangHai City China

Tel:021-5746-0320

地址: 上海市金山区亭卫公路5878号

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|-------------------|------------------|-------------------|
| APPROVED批准 | CHECKED审查 | DESIGNED编制 |
| WKB | ZWJ | WKB |

APPROVED BY THE CLIENT 客户认可