

## SLF6ACB231

### Description

solid annealed copper conductor  
 Polyethylene insulation  
 Twisted pair color confirm to YD/T 1019-2001  
 AL Foil  
 PVC Sheath  
 Reference: YD/T926-2009

### Construction

#### Conductor:

Material solid annealed copper conductor

Diameter(mm) 0.57±0.1

#### Insulation

Material **PE**

Insulation outer diameter(mm): 1.15±0.05

#### Twisted pair:

#### Chromatogram

- |                         |                       |
|-------------------------|-----------------------|
| 1. White(Blue)-Blue     | 3. White(Green)-Green |
| 2. White(Orange)-Orange | 4. White(Brown)-Brown |

Stranding construction 1\*4

Cross PE

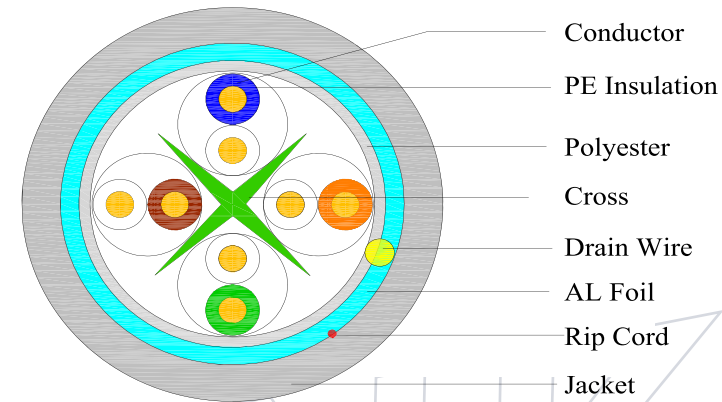
#### Sheath

Material PVC

Minium average thickness(mm) 0.50mm

Sheath Color Grey

### Cross section



### Electrical Characteristic (20 °C)

- |                                   |             |
|-----------------------------------|-------------|
| 1. Singel conductor resistance    | ≤9.5 Ω/100m |
| 2. Pair DC resistance unbalance   | ≤2.5%       |
| 3. Mutual Capacitance Max (800Hz) | 5.6nF/100m  |

### Mechanical characteristic

- |   |            |
|---|------------|
| 1. Conductor breaking elongation rate       | ≥15%       |
| 2. Insulation tension                       | ≥16MPa     |
| 3. Insulation breaking elongation           | ≥300%      |
| 4. PVC Jacket tensile strength before aging | ≥13.5MPa   |
| 5. PVC Jacket elongation before aging       | ≥150%      |
| 6. Cable Aging condition and temperature    | 10°C ± 2°C |
| 7. PVC Jacket tensile strength after aging  | ≥12.5MPa   |
| 8. PVC Jacket elongation after aging        | ≥125%      |