

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

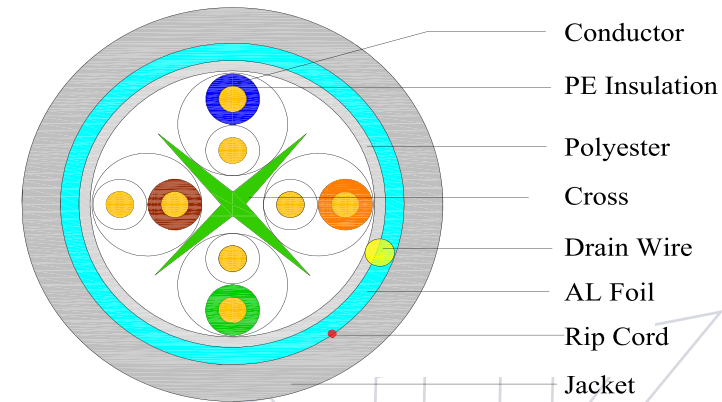
Sheath

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% |