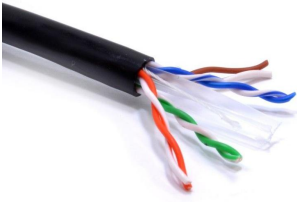
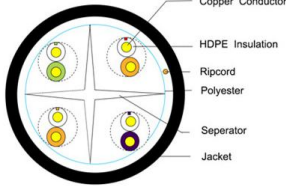


## Technical Specification

|                              |   |  |
|------------------------------|---|--|
| <b>CONDUCTOR</b>             | <b>Calibre</b>  | <b>23AWG</b>   |
|                              | <b>Material</b>   | <b>Pure Copper</b>   |
|                              | <b>Diámetro</b>   | <b>0.55 ± 0.008mm</b>  |
| <b>Insulation</b>            | <b>Material</b>   | <b>HD-PE Type: 1412</b>  |
|                              | <b>Avg.Thickness</b>  | <b>0.21MM</b>  |
|                              | <b>Min.Thickness</b>  | <b>0.2MM</b>   |
|                              | <b>Diámetro</b>   | <b>0.98 ± 0.02mm</b>   |
| <b>Inner Layer</b>           | <b>Pitch</b>  | <b>25mm underneath</b>   |
| <b>Outside Layer</b>         | <b>Pitch</b>  | <b>150mm underneath</b>  |
| <b>Separate</b>              | <b>Material</b>   | <b>Polyethylene 4.3*4.3*0.45mm</b>   |
| <b>Filler</b>                | <b>Material</b>   | <b>Nylon</b>   |
| <b>Jacket</b>                | <b>Material</b>   | <b>PVC</b>   |
|                              | <b>Avg.Thickness</b>  | <b>0.55MM</b>  |
|                              | <b>Min.Thickness</b>  | <b>0.48MM</b>  |
|                              | <b>Diámetro</b>   | <b>6.1 ± 0.3mm</b>   |
|                              | <b>Color</b>  | <b>Black (TVD119172/TVD119173)</b>   |
| <b>ELECTRICAL PROPERTIES</b> | <b>Solid conductor resistance</b>   | <b>≤ 8.0 Ω /100m at 20° C</b>  |
|                              | <b>Insulation Resistance</b>  | <b>Min. 5000 mega ohms-km at 20° C</b>   |
|                              | <b>Dielectric Test</b>  | <b>1000V DC/min: No breakdown</b>  |
|                              | <b>Delay skew</b>   | <b>≤ 45nS</b>  |
|                              | <b>Propagation speed</b>  | <b>NVP 69%</b>   |
|                              | <b>Frequency</b>  | <b>250MHZ</b>  |
|                              | <b>Impedance</b>  | <b>100 ± 15 Ω</b>  |
| <b>DESCRIPTION</b>           | <b>Rating Temperature</b>   | <b>75° C</b>   |
|                              | <b>Voltage rate</b>   | <b>30 V</b>  |
|                              | <b>Standard</b>   | <b>TIA/EIA-568B.2</b>  |
|                              | <b>Test</b>   | <b>FLUKE TEST DTX-1800 PASS</b>  |
| <b>Construction Draw</b>     |  |  |

## Descripción

MODELO TVD119172/TVD119173

CAT6 UTP made of pure copper (99.99% of copper) can pass FLUKE DTX-1800 channel 100M, high-performance cat6 cable fully satisfies electric and mechanical requirements. It is compatible with All cat6 UTP systems and conforms to ISO/IEC 11801 Ed2; EIA/TIA568B. The inner Cross-shaped structure makes the cable structure and performance more stable.

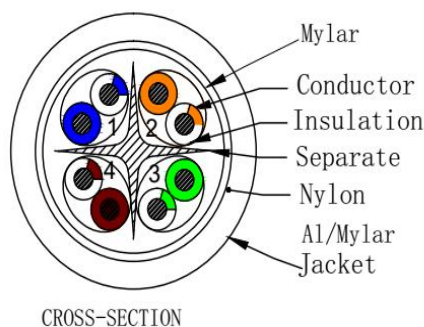
The structured cabling data transmission cable transmits digital. Voice, Especially suitable for the application of all level E links and CAT6. Including ISDN, 10Mbit Ethernet, 100Mbit fast Ethernet, 1Gbit Ethernet, 4/16 Mbit/s Token ring, TP-PMD/TP-DDI 125Mbit/s, ATM155 Mbit/s.

LDPE jacket make the cable have stronger anti-interference ability To the outside world and transmit the signal in strictest confidence.



## Características

- **Structure: 4pairs Twisted**
  - **Conductor: Copper**
  - **Insulation: HD-PE**
  - **Cross: PE Cross**
  - **Jacket LDPE**
  - **Rated temperature: 75° C**
  - **Impedance: 100 ± 15% Ω**
  - **Frequency: 250MHz**
  - **Reference Standard: YD/T1019-2001, ISO/IEC 11801, ANSI/TIA/EIA-568.**
- TVD119172: 305M/ wooden drum**  
**TVD119173: 150M/wooden drum**



Insulation Color:  
1. Blue&White/Blue  
2. Orange&White/Orange  
3. Green&White/Green  
4. Brown&White/Brown