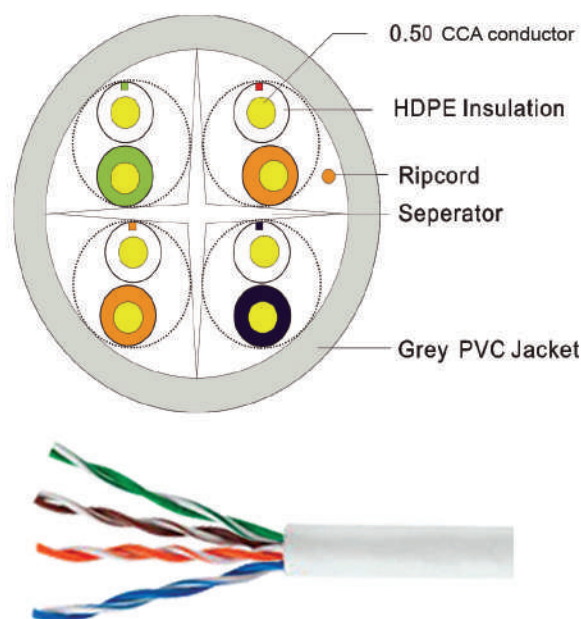


**Product Type :** Cat6 UTP  
**Conductor Material :** 0.50 CCA  
**Insulation :** 0.92 HDPE/LDPE  
**Jacket :** PVC Jacket  
**Jacket Color :** White  
**Certificates :** CE RoHS CPR ISO  
**Storage temperature :** -15°C - +70°C  
**Packing :** 305M/Pull Box

## Standard

- ISO/GB/T19001-2016/ISO9001:2015
- IEC 62321-4:2013, IEC 62321-5:2013
- IEC 62321-6:2015, IEC 62321-7:2015
- IEC 62321-7-2:2017, IEC62321-8:2017
- EN 60799:1998
- CN18-0033116-02(CPR)
- 0051-CPR-1652
- CE RoHS Compliant



## Electrical characteristics

| Construction            | UTP    | UTP/M  |
|-------------------------|--------|--------|
| Conductor Dimension(mm) | 0.50   | 0.50   |
| Core Dimension(mm)      | 0.92   | 0.92   |
| No.of Pairs             | 4      | 4      |
| Type of Jacket          | PE/PVC | PE/PVC |
| Messenger               | /      | /      |

| Frequency(MHz)          | 1      | 4    | 8    | 10   | 16   | 25   | 31.25 | 62.5 | 100  |
|-------------------------|--------|------|------|------|------|------|-------|------|------|
| Impedance(Ω)            | 100±15 |      |      |      |      |      |       |      |      |
| RL(dB)                  | 20     | 23   | 25   | 25   | 25   | 24   | 24    | 22   | 20   |
| Attenuation (dB/100m)   | 1.9    | 3.7  | 5.8  | 6.5  | 8.2  | 10.4 | 11.6  | 17.0 | 22.0 |
| NEXT(dB/100m)           | 74.3   | 65.3 | 51.8 | 50.3 | 47.3 | 44.3 | 42.9  | 38.4 | 35.3 |
| ELFEXT(dB/100m)         | 67.8   | 55.7 | 45.7 | 43.8 | 39.7 | 35.8 | 33.9  | 27.8 | 23.8 |
| PS NEXT(dB/100m)        | 72.3   | 63.3 | 48.8 | 47.3 | 44.2 | 41.3 | 39.9  | 35.4 | 32.3 |
| PS ELFEXT (dB/100m)     | 64.8   | 57.7 | 42.7 | 40.8 | 36.7 | 32.8 | 30.9  | 24.8 | 20.8 |
| Propagation Speed (m/s) | 0.65C  |      |      |      |      |      |       |      |      |

## Application

- Security Video with Pan-Tilt-Zoom, IP Video
- Analog Video, LAN 10/100/1000BaseT Ethernet, Voice
- CATV-community antenna television
- CCTV-closed-circuit television
- DBS direct broadcasting satellite

