

SPECIFICATION:UTP CAT5E #24CCA×4P+PET+PE

| ITEM | | SPECIFICATION | Product structure: | | |
|---------------|-----------|---------------|--|--|---------|
| Conductor | AWG | 24AWG | | | |
| | Material | CCA | | | |
| | Size | 1/0.50±0.03mm | | | |
| Insulation | .REF | 0.20mm | | | |
| | Material | HDPE | | | |
| Twisted Pairs | I.D | 0.91±0.03mm | | | |
| | Direction | S | | | |
| separation | Pitch | Less Than 25 | | | |
| | Material | PET | | | |
| Jacket | .REF | 0.55mm | | | Marking |
| | Material | PE | WWW.TECHLY.COM CATEGORY 5E COMPATIBLE U/UTP CCA OUTDOOR PE CABLE 24AWGx4P SOLID 001M.....100M | | |
| | Color | BLACK | | | |
| | O.D | 5.1±0.2mm | | | |

INSULATION COLOR CODE:
 1P, White/Blue&Blue 2P, White/Orange&Orange 3P, White/Green &Green 4P, White/Brown&Brown

| ELECTRICAL CHARACTERISTICS | PHYSICAL CHARACTERWS: | Transmission Standards: ANSI/TIA568, ISO/IEC11801, YD/T1019-2013 | | | |
|--|--|--|-------|--------|----------------|
| 1..Rating Temp:80℃ Rating Voltage: 30V | 1.Tensile strength test: | Drawing | xiong | Check: | Carey |
| 2. Conductor Resistance: 150 Ω/km at 20℃ Min (24AWG) | 1.1: Jacket PE: >15MPa 1.2: HDPE Insulation: >16MPa | | | | |
| 3. Insulation resistanrce: 100MΩ/km at 20℃ Min | | | | | |
| 4. Dielectric Test: DC 2500V/2min at 20℃ | | | | | |
| 5. Resistance Unbalance, maximum : 4.5% | 2. Elongation : | | | | |
| 6. Mutual Capacitance : 5.6 nF/100 m @ 1 kHz | 2.1: Jacket PE: >400% | | | | |
| 7. Nominal Velocity of Propagation : NVP 69% | 2.2: HDPE Insulation:>400% | | | | |
| 8. Operating Frequency, maximum : 100MHz | 2.3: CCA: > 13 % | | | | Date: 2016/7/8 |