

CAT3 VOICE GRADE CABLE

6 PAIR (12 CONDUCTOR)

LOW SMOKE ZERO HALOGEN

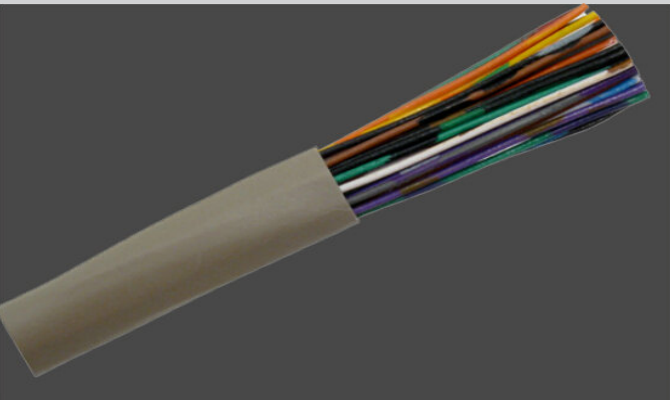


DESCRIPTION

Category-3, UTP, 24awg 24 Conductor,
Solid-Bare Copper.

FEATURES

- Suitable for Telephony Communication
- 6-Pair – Cabled together with varying lays
- 24AWG Solid Bare Copper Conductors
- LSZH Jacket, RoHS Compliant, ETL Listed
- 305M Wooden Spool



Technical Data

| | |
|--------------------------|--------------------------|
| Rated Temperature | 70 °C |
| Rated Voltage | 30V |
| Conductor | Solid Bare Copper |
| Size | 24 AWG |
| Dia. (±0.005mm) | 0.50 |

| | |
|---------------------------|------------|
| Insulation | PVC |
| Average Thickness (mm) | 0.205 |
| Min. Point Thickness (mm) | 0.174 |
| Insulation Dia. (±0.20mm) | 0.91 |
| Twisted Pair Dia. (±0.01) | 1.82 |

| | |
|---------------------------|-------------|
| Nylon Tape | Yes |
| Assembly Dia. (mm) | 4.50 |
| Jacket | LSZH |
| Average Thickness (mm) | 0.65 |
| Min. Point Thickness (mm) | 0.60 |
| Outer Dia. (±0.20mm) | 5.80 |
| Rip cord | Yes |

| | |
|---|--------------------|
| Electrical Characteristics | |
| Impedance | 100±15 Ohms |
| D-C Resistance of each Core (ohms/km) | 98(Max) |
| The average of Imbalance of D-C resistance upon cores | ≤2.0% |

Mechanical Characteristics

| | |
|-------------------------------|----------------|
| Test Object | Jacket |
| Test Material | LSZH |
| Before Tensile Strength (Mpa) | ≥13.8 |
| Aging Elongation (%) | ≥100 |
| Aging Condition (°Cxhrs) | 100x168 |
| After Tensile Strength (Mpa) | ≥85% of unaged |
| Aging Elongation (%) | ≥50% of unaged |
| Cold Bend (-20±2° Cx4hrs) | No Crack |

Marking on Jacket

As per customer's request

Jacket color available in
Gray



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PAIR COLORS

Pair1 White with Blue ring -- Blue with White ring
Pair2 White with Orange ring -- Orange with White ring
Pair3 White with Green ring -- Green with White ring
Pair4 White with Brown ring -- Brown with White ring
Pair5 White with Gray ring -- Gray with White ring
Pair6 Red with Blue ring -- Blue with Red ring

TECH DRAWING

