

CAT3 VOICE GRADE CABLE

25 PAIR (50 CONDUCTOR)

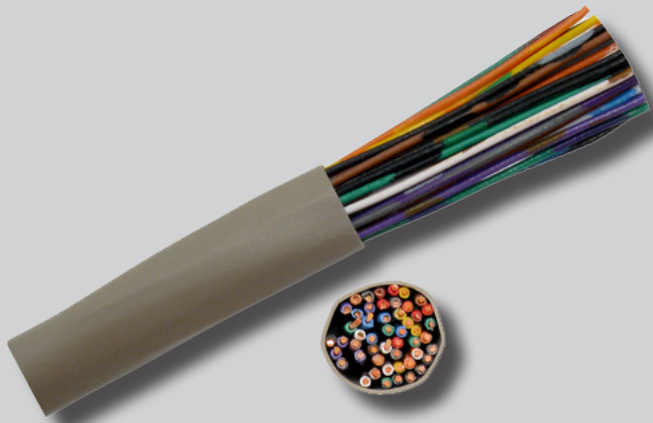
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DESCRIPTION

Category-3, UTP, 24awg 50 Conductor,
Solid-Bare Copper.

FEATURES

- Suitable for Telephony Communication
- 25-Pair – Cabled together with varying lays
- 24AWG Solid Bare Copper Conductors
- ETL Verified, Riser Rated



Technical Data

| | |
|--------------------------|--------------------------|
| Rated Temperature | 70 °C |
| Rated Voltage | 30V |
| Conductor | Solid Bare Copper |
| Size | 24 AWG |
| Dia. (±0.005mm) | 0.475 |

| | |
|---------------------------|------------|
| Insulation | PVC |
| Average Thickness (mm) | 0.188 |
| Min. Point Thickness (mm) | 0.170 |
| Insulation Dia. (±0.20mm) | 0.85 |
| Twisted Pair Dia. (±0.01) | 1.70 |

| | |
|---------------------------|------------|
| Nylon Tape | Yes |
| Assembly Dia. (mm) | 7.80 |

| | |
|---------------------------|-------------|
| Jacket | PVC |
| Average Thickness (mm) | 0.50 |
| Min. Point Thickness (mm) | 0.45 |
| Outer Dia. (±0.20mm) | 9.50 |

| | |
|-----------------|------------|
| 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 | PVC |
| 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

VERTICAL UTP 25PR 24AWG ETL CMR VERIFIED CAT3
TIA/EIA-568B.2 STANDARD RoHS XXXFT
(SEQUENTIAL FOOT MARKERS ON JACKET)

Jacket color available in
Gray



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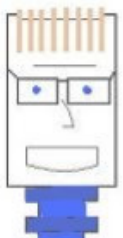
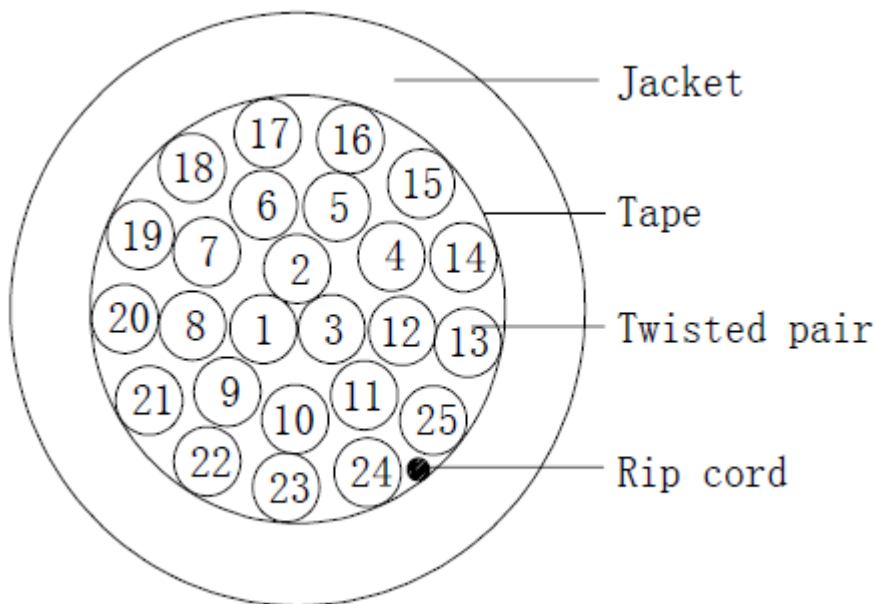


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PAIR COLORS

- 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
- Pair7 Red with Orange ring -- Orange with Red ring
- Pair8 Red with Green ring -- Green with Red ring
- Pair9 Red with Brown ring -- Brown with Red ring
- Pair10 Red with Gray ring -- Gray with Red ring
- Pair11 Black with Blue ring -- Blue with Black ring
- Pair12 Black with Orange ring -- Orange with Black ring
- Pair13 Black with Green ring -- Green with Black ring
- Pair14 Black with Brown ring -- Brown with Black ring
- Pair15 Black with Gray ring -- Gray with Black ring
- Pair16 Yellow with Blue ring -- Blue with Yellow ring
- Pair17 Yellow with Orange ring -- Orange with Yellow ring
- Pair18 Yellow with Green ring -- Green with Yellow ring
- Pair19 Yellow with Brown ring -- Brown with Yellow ring
- Pair20 Yellow with Gray ring -- Gray with Yellow ring
- Pair21 Purple with Blue ring -- Blue with Purple ring
- Pair22 Purple with Orange ring -- Orange with Purple ring
- Pair23 Purple with Green ring -- Green with Purple ring
- Pair24 Purple with Brown ring -- Brown with Purple ring
- Pair25 Purple with Gray ring -- Gray with Purple ring

TECH DRAWING



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Subject to change without notice.