

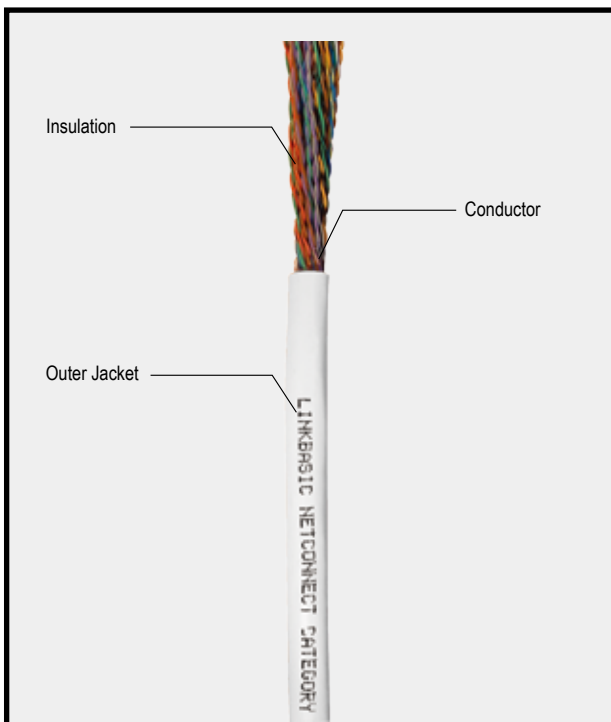
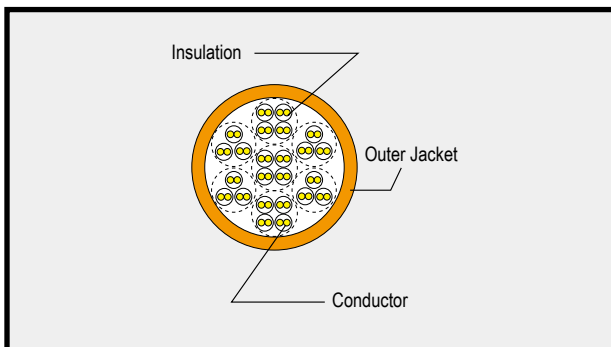
DESCRIPTION

- Rated temperature: 70°C
- Reference standard: UL Subject 444, EIA/TIA 568B & ISO/IEC 11801
- Solid bare copper conductor
- Colour-coded PE insulation
- Rip cord (optional)
- PVC or LSZH jacket
- Packaging: Reel

APPLICATION

- Telephony Voice Wiring
- 10 Base-T
- 100 Base-T4
- Token Ring
- 100 VG-AnyLAN

PRODUCT FIGURE



SOLID CABLE, CAT3, UTP, 25pairs, 24AWG, 1000feet



Cat 3 25-pair UTP Solid Cable

RAL 7035

CONSTRUCTION

| | | |
|--------------|---------------------------------------|----------------------|
| Structure | Construction | UTP |
| | Number of Pairs | 25 Pair |
| | AWG | 24AWG |
| | Conductor Dimension (mm) | 0.50AWG |
| | Solid or Stranded; Bare or Tinned | Solid Bare Copper |
| Insulation | Insulation material | HOPE, FRPE |
| | Insulation Dimension (mm) | 0.83 |
| | Number Colour (Ring or Strip marking) | - |
| | Cross Filler | No |
| Shield | Individual Shield & Material | No |
| | Outer Shield & Material | No |
| | Drain Wire | No |
| Outer jacket | Outer Jacket Material | PVC or LSZH |
| | Outer Jacket Ripcord | Per customer request |
| | Overall Nominal Diameter (mm) | 11mm |

MECHANICAL CHARACTERISTICS

| | |
|----------------------------------|--------------|
| Operating Temp. Range | -20~70°C |
| Bulk Cable Weight (KG) | 55.40KG |
| Max. Recommended Pulling Tension | - |
| Min. Bend Radius (Install) | 90mm |
| Flame Test | CMR, CMX, CM |

ELECTRICAL CHARACTERISTICS

| | |
|--|-------------------------|
| Nom. Mutual Capacitance @ kHz | ≤6.6 nF/100M |
| Max. Capacitance unbalance (pF/ 100m) | ≤330pF /100M |
| Nominal Velocity of Propagation | 65% |
| Max. Delay skew (ns/100m) | ≤45ns/100M |
| Max. Conductor DC Resistance @ 20 Deg. C | 9.38Ω /100M (24' AWG) |
| Max. DC Resistance unbalance @ 20 Deg. C | ≤5%(per TIA/EIA-568B.2) |
| Max. Impedance Resistance (MΩ/ k m) | ≤3%(per IEC 61156-2) |
| Max. Insulation Resistance (MΩ/ k m) | 150 |
| Max. Operating Voltage-UL | 300V |

CAT 3 25-PAIR UTP SOLID CABLE P/N: CLA25-UC3

TIA/EIA 568-B.2 ELECTRICAL CHARACTERISTICS

| Frequency (MHz) | Input Impedance (Ohms) | ATT (DB/100m) | SRL (Db) | NEXT (Db) | DELAY (Ns/100m) |
|--------------------|---------------------------|------------------|-------------|--------------|--------------------|
| 0.772 | 100±15 | 2.2 | 12.0 | 43.0 | - |
| 1 | 100±15 | 2.6 | 12.0 | 41.3 | 570.0 |
| 4 | 100±15 | 5.6 | 12.0 | 32.3 | 552.0 |
| 8 | 100±15 | 8.5 | 12.0 | 27.8 | 546.7 |
| 10 | 100±15 | 9.7 | 12.0 | 26.3 | 545.4 |
| 16 | 100±15 | 13.1 | 10.0 | 23.3 | 543.0 |

ORDER INFORMATION

| Part number | Description | AWG | Standard color | packing Type | Carton | Carton measurement | Carton weight |
|-------------|------------------------------|-------|----------------|--------------|--------------|--------------------|---------------|
| CLA25-UC3 | Cat 3 25pair UTP Solid Cable | 24AWG | RAL7035 | Reel | 305m(1000ft) | Φ55cm× H40cm | 55.40KG |