

TX3000™ Category 3 Multi-Pair U/UTP Copper Cable – China

specifications

Cable shall meet ANSI/TIA-568.2-D Category 3 channel standards. The conductors shall be 26 AWG copper construction with PE insulation. The copper conductors shall be twisted in pairs and all pairs shall be covered by a low smoke zero halogen (LSZH) or flame retardant PVC (CM) jacket. Multi-pair cables shall be available in 25, 50, and 100-pair construction.



TX3000™ Multi-Pair U/UTP Copper Cable

LSZH:	PUL3025IG-V PUL3050IG-V PUL30100IG-V
CM:	PUC3025IG-V PUC3050IG-V PUC30100IG-V

technical information

Electrical performance:	Certified channel performance in a 4-connector configuration up to 100 meters and meets or exceeds the requirements of ISO 11801 Class C and ANSI/TIA-568.2-D Category 3 standards at swept frequencies up to 16 MHz
Cable diameter:	25-pair: 8.8mm (0.347 in.) nominal 50-pair: 13.0mm (0.512 in.) nominal 100-pair: 18.0mm (0.709 in.) nominal
Conductors/insulators:	26 AWG solid copper insulated with PE
Flame rating:	CM – UL 1685 LSZH – IEC 60332-1, IEC 61034-1 and -2, and IEC 60754-2
Installation tension:	25 lbf. (110N) maximum
Temperature rating:	0°C to 50°C (32°F to 122°F) during installation -20°C to 75°C (-4°F to 167°F) during operation
Cable jacket:	CM – PVC LSZH – Low Smoke Zero Halogen
Cable weight:	25-pair – 110kg/305m (243 lbs./1000 ft.) 50-pair – 200kg/305m (441 lbs./1000 ft.) 100-pair – 400kg/305m (882 lbs./1000 ft.)
Packaging:	Packaged on a reel Packaged tested to ISTA Procedure 1B

key features and benefits

Descending length cable markings	Easy identification of remaining cable reduces installation time and cable scrap
Easy payout reel	Ensures proper performance and provides quick installation; supplied 305m (1000 ft.) on a reel

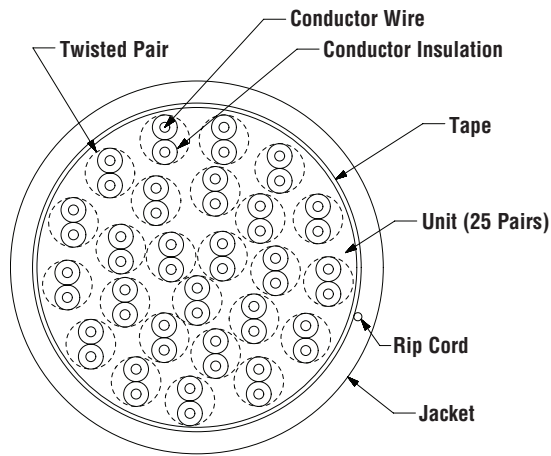
applications

TX3000™ UTP Copper Cable will support the following applications:

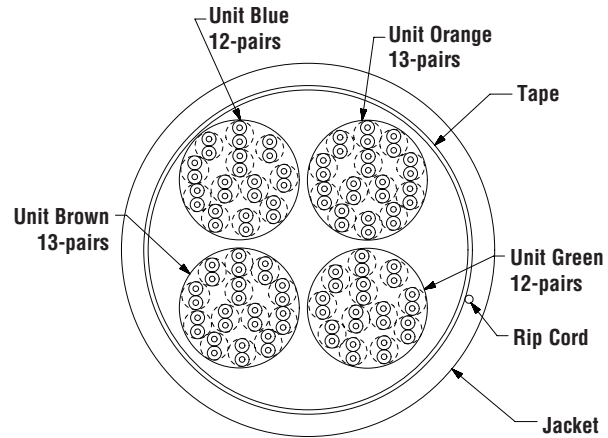
- Ethernet 10BASE-T
- Voice

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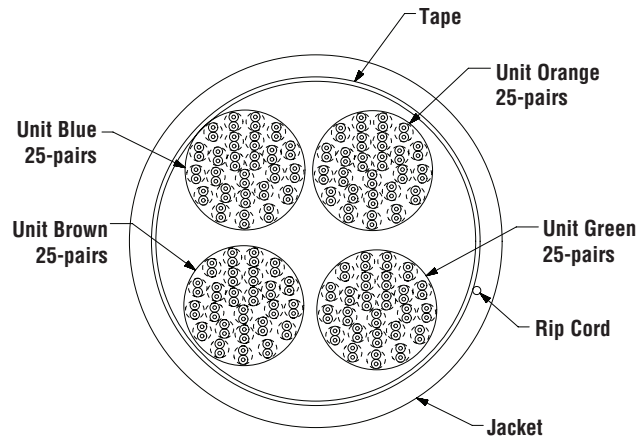
Mechanical Test	
Ultimate Breaking Strength	>400 N (90 lbf)
Minimum Bend Radius	10 x cable diameter
Electrical Test	
Nominal Velocity of Propagation (NVP)	65%



25 Pair



50 Pair



100 Pair

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