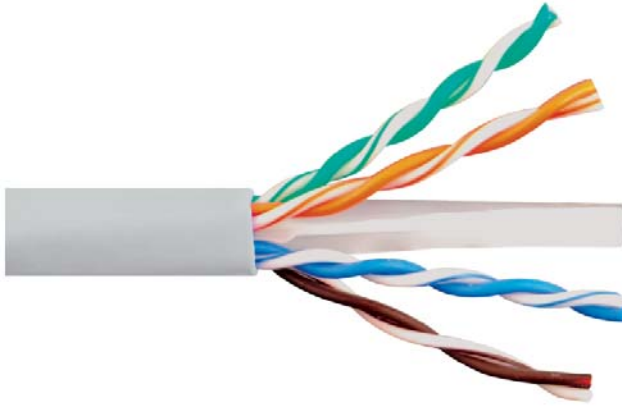


# Category 6e 600MHz Plenum UTP Solid Cable



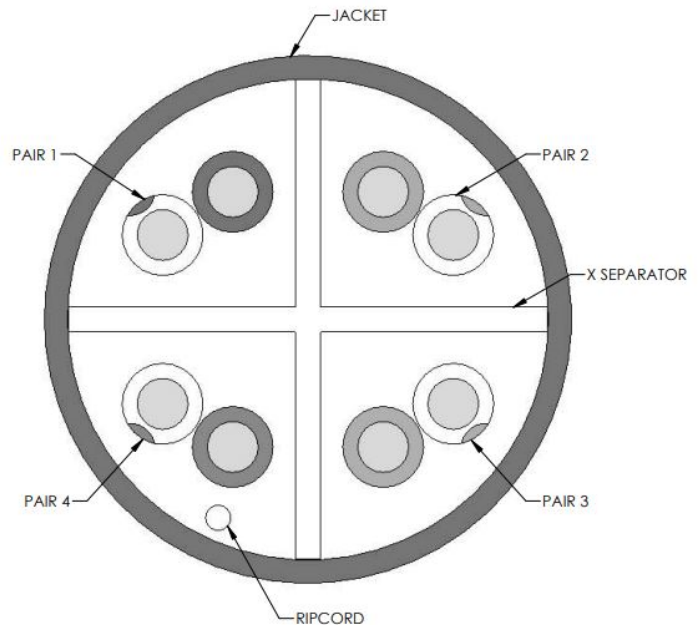
## Package Include:

A. Category 6e UTP CMP Solid Cable, **1000 Feet**

## Features and Benefits

- Exceeds TIA 568.2-D Category 6 standard
- Easy to dispense cable with REELEX® design box, saving you energy and time on the job site
- Convenient sequential footage markings for usage tracking.
- ETL verified TIA/EIA 568.2-D for guaranteed performance
- UL listed for plenum applications
- Available in blue, gray, green, white, and yellow

Pair 1: Blue & White/Blue  
 Pair 2: Orange & White/Orange  
 Pair 3: Green & White/Green  
 Pair 4: Brown & White/Brown



Category 6 600MHz UTP Cable Electrical Performance (100 Meter Loop)															
Frequency(MHz)	1.0	4.0	10.0	16.0	20.0	31.25	62.5	100.0	125.0	200.0	250.0	300.0	400	500.0	600.0
Attenuation (dB/100m)	2.0	3.8	6.0	7.6	8.5	10.7	15.4	19.8	22.4	29.0	32.8	36.4	43.0	48.9	54.5
NEXT (dB)	74.3	65.3	59.3	56.3	54.8	51.9	47.4	44.3	42.8	39.8	38.3	37.1	35.3	33.8	32.6
PS NEXT (dB)	72.3	63.3	57.3	54.3	52.8	49.9	45.4	42.3	40.8	37.8	36.3	35.1	33.3	31.8	30.6
ACRF (dB)	67.8	55.8	47.8	43.7	41.8	37.9	31.9	27.8	25.9	21.8	19.8	18.3	15.8	13.8	12.2
PS ACRF (dB)	64.8	52.8	44.8	40.7	38.8	34.9	28.9	24.8	22.9	18.8	16.8	15.3	12.8	10.8	9.2
Return Loss (dB)	20.0	23.0	25.0	25.0	25.0	23.6	21.5	20.1	19.4	18.0	17.3	16.8	15.9	15.2	14.7

Frequencies beyond 350 MHz is reference only

**NOTE: UNLESS OTHERWISE SPECIFIED**

- Standard:
  - ANSI/TIA 568.2-D
  - ANSI/TIA 862 (Building Automation)
  - ISO/IEC 11801 Ed. 2.0 (Class E)
  - ICEA S-102-700 (Category 6)
  - ICEA S-116-732
  - NEC/CEC Type CMP (NFPA 262)
  - RoHS Compliant Directive 2002/95/EC
  - UL 444
- Construction:
  - Size: 23 AWG
  - Conductor: Solid Bare Copper
  - Insulation: Fluoropolymer
  - Jacket: Low-Smoke, Flame-Retardant PVC -- Ø0.225" ±0.007 (5.7MM±0.2)
  - Rip Cord: Polyester
  - X Separator: PE
- Electrical/Physical Properties:
  - Rating Temp Voltage: 75°C, 300V
  - Conductor Resistance: 9.38 OHM/100m/20°C Max
  - Mutual Capacitance: 56 pF/M Max
  - Dielectric Strength: AC 1.5 KV/2 Sec
  - Spark Test: 2.5 KV
  - Flame Retardant Test: CMP
  - DC Resistances Unbalance: 5% Max
  - AC Leakage Current through Overall Jacket: AC 1500V ≤ 10Ma
  - Pair-To-Pair Capacitance Unbalanced: 330 pF/100m MAX
  - Characteristic Impedance: 1~500 MHz 100±15 OHMS
  - Propagation Delay: 600MHz 536nS/100m Max
  - Velocity of Propagation (NVP): 70% Nominal
  - Delay Skew: 1~600MHz 40nS/100m Max
  - Installation Temperature: 32° ~ 140°F
  - Operational Temperature: -4°~167°F
- Packaging:
  - Bulk Package: 1000 Feet/Pull Box
  - Box Size: 15.5" x 15.50" x 10.25"
  - Weight: 27.00 lbs

