

CORDATA Labs® Category 5e 350 MHz CMR/CMP

Product Description

CORDATA Labs® Category 5e is a TIA/EIA 568-C.2 compliant 4-pair UTP cable at a cost-effective price. The cable is sweep tested to 350 MHz for added reliability. In addition, the cable utilizes Countdown footage marking, which allows the installer to determine the remaining length of cable in the box.

Physical Characteristics

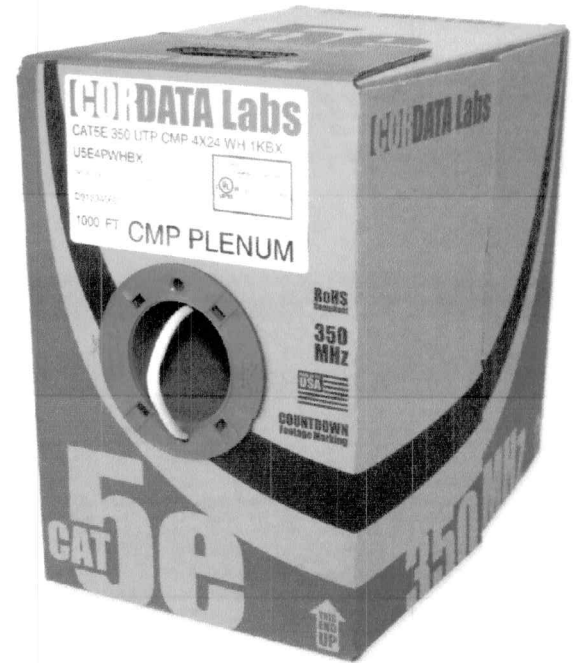
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|---------------------------------------|---|
| Pair Count | 4 |
| Conductor | 24 AWG (0.5 mm) Solid Annealed Bare Copper |
| Insulation | Riser: Thermoplastic Plenum: FEP |
| Jacket Material | Riser: Flame Retardant PVC (Polyvinyl Chloride) Plenum: Flame Retardant, Low Smoke PVC |
| Nominal Diameter in (mm) | Riser: 0.20 (5.1) Plenum: 0.19 (4.8) |
| Nominal Weight lbs/kft (kg/km) | Riser: 19 (28) Plenum: 20 (30) |

Electrical Parameters

| | |
|---|-------------------------|
| Attenuation (dB/100 m) @ 100 MHz | 22 |
| Input Impedance (Ω), nominal | 100 |
| Delay Skew (ns/100 m), maximum | 45 |
| Velocity of Propagation (%), nominal | Riser: 71 Plenum: 73 |
| DC Resistance (Ω/100 m), maximum | 9.38 |
| Resistance Unbalance (%), maximum | 5.0 |

Part Numbers and Packaging

| Part # | Fire Rating | Jacket Color | Package |
|-----------|-------------|--------------|-----------|
| U5E4RBLBX | Riser | Blue | 1000' Box |
| U5E4RWHBX | Riser | White | 1000' Box |
| U5E4RGYBX | Riser | Gray | 1000' Box |
| U5E4RYLBX | Riser | Yellow | 1000' Box |
| U5E4PBLBX | Plenum | Blue | 1000' Box |
| U5E4PWHBX | Plenum | White | 1000' Box |
| U5E4PGYBX | Plenum | Gray | 1000' Box |
| U5E4PYLBX | Plenum | Yellow | 1000' Box |



Applications

10BASE-T through 1000BASE-T Ethernet
ATM
Token Ring

Standards Compliance

UL Verified to Category 5e
UL 444
UL Listed CMR (UL 1666)
UL Listed CMP (NFPA 262)
ISO/IEC 11801
ANSI/TIA/EIA 568-A
ANSI/TIA/EIA 568-B.2
ANSI/TIA 568-C.2
ANSI/CEA S-90-661-2002
RoHS Compliant