

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

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
U5E4RYL BX	Riser	Yellow	1000' Box
U5E4PBL BX	Plenum	Blue	1000' Box
U5E4PWH BX	Plenum	White	1000' Box
U5E4PGY BX	Plenum	Gray	1000' Box
U5E4PYL BX	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