

CorData Labs

Category 5e 350 MHz CMR/CMP

Product Description

CorData Labs Category 5e is a TIA/EIA 568-B.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
U5E4RBLBXU	Riser	Blue	1000' Box
U5E4RWHBXU	Riser	White	1000' Box
U5E4RGYBXU	Riser	Gray	1000' Box
U5E4RYLBXU	Riser	Yellow	1000' Box
U5E4PBLBXU	Plenum	Blue	1000' Box
U5E4PWHBXU	Plenum	White	1000' Box
U5E4PGYBXU	Plenum	Gray	1000' Box
U5E4PYLBXU	Plenum	Yellow	1000' Box



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-B.2
ANSI/ICEA S-90-661-2002
RoHS Compliant

Applications

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

CorData Labs

Category 6 CMR/CMP

Product Description

CorData Labs Category 6 is a TIA/EIA 568-B.2-1 compliant 4-pair UTP cable at a cost-effective price. 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	23 AWG (0.57 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)	0.22 (5.6)
Nominal Weight lbs/kft (kg/km)	25 (37)

Electrical Parameters

Attenuation (dB/100 m) @ 250 MHz	32.8
Input Impedance (Ω), nominal	100
Delay Skew (ns/100 m), maximum	45
Velocity of Propagation (%), nominal	Riser: 68 Plenum: 71
DC Resistance (Ω /100 m), maximum	9.38
Resistance Unbalance (%), maximum	3.0

Standards Compliance

UL Verified to Category 6
UL 444
UL Listed CMR (UL 1666)
UL Listed CMP (NFPA 262)
ISO/IEC 11801
ANSI/TIA/EIA 568-B.2-1
ANSI/ICEA S-90-661-2002
RoHS Compliant

Part Numbers and Packaging

Part #	Fire Rating	Jacket Color	Package
U604RBLBXU	Riser	Blue	1000' Box
U604RWHBXU	Riser	White	1000' Box
U604RGYBXU	Riser	Gray	1000' Box
U604RYLBXU	Riser	Yellow	1000' Box
U604PBLBXU	Plenum	Blue	1000' Box
U604PWHBXU	Plenum	White	1000' Box
U604PGYBXU	Plenum	Gray	1000' Box
U604PYLBXU	Plenum	Yellow	1000' Box

Applications

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