

# 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

<b>Pair Count</b>	4
<b>Conductor</b>	23 AWG (0.57 mm) Solid Annealed Bare Copper
<b>Insulation</b>	Riser: Thermoplastic Plenum: FEP
<b>Jacket Material</b>	Riser: Flame Retardant PVC (Polyvinyl Chloride) Plenum: Flame Retardant, Low Smoke PVC
<b>Nominal Diameter in (mm)</b>	0.22 (5.6)
<b>Nominal Weight lbs/kft (kg/km)</b>	25 (37)

### Electrical Parameters

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

### Part Numbers and Packaging

Part #	Fire Rating	Jacket Color	Package
U604RBLBX	Riser	Blue	1000' Box
U604RWHBX	Riser	White	1000' Box
U604RGYBX	Riser	Gray	1000' Box
U604RYLBX	Riser	Yellow	1000' Box
U604PBLBX	Plenum	Blue	1000' Box
U604PWHBX	Plenum	White	1000' Box
U604PGYBX	Plenum	Gray	1000' Box
U604PYLBX	Plenum	Yellow	1000' Box



### 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

### Applications

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