

Premises Copper > Category 6+ > UTP > 4 Pairs > 23 AWG

## 4X23 DataGain® Category 6+ / CMP / Blue / 1K FT Reel-in-Box

CMP

Part Number: 66-246-2B

Status: Available



### COPPER SPECIFICATIONS

Characteristic Impedance (Ohms) 100 ± 15

Nominal Velocity of Propagation (%) 73

### PHYSICAL CHARACTERISTICS

Nominal Diameter in (mm) 0.22 (5.5)

Nominal Weight lbs/kft (kg/km) 24 (36)

Pallet Quantity (ft) 27000

Package Length 1000

Package Type BrakeBox®

Packages per Pallet 27

### Product Description

DataGain® cable provides the best value in Category 6+ cables on the market today. The innovative design, which utilizes a cross filler, yields exceptional performance that exceeds TIA/EIA CAT 6 specifications. DataGain® easily surpasses the performance of other cost competitive CAT 6 cables.

### Applications

- 10BASE-T through 5GBASE-T Ethernet
- Power over Ethernet (PoE) – IEEE 802.3bt Type 1 to 4
- ATM and token ring

### Features

- UL® Certified Environmental Product Declaration (EPD)
- Health Product Declaration™ (HPD™)
- Multi-Attribute Certification by GreenCircle Certified, LLC
- Guaranteed electrical performance to 481 MHz
- Guaranteed 5 dB margin in NEXT, PSNEXT, ELFEXT, PSELFEXT, ACR and PSACR
- Tested to 631 MHz
- Round design with cross-web separator
- Warranted with numerous connectivity manufacturers

### Benefits

- Contributes toward 1 LEED point under the Material and Resources cRedit (MRc)
- Contributes toward 1 LEED point under the MRc
- Offers an overview of the sustainability of a product, its packaging and manufacturing
- Greater assurance of exceptional overall channel performance at a great value
- “Future-proofs” the cable installation
- Assures ample bandwidth headroom
- Reduces installation time
- Offers flexibility in selection of connectivity solutions

### GENERAL SPECIFICATIONS

|                      |                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| Jacket               | Flame retardant low smoke PVC                                                                                          |
| Jacket Color         | Blue                                                                                                                   |
| End User Application | Enterprise, Residential, LAN                                                                                           |
| Environment          | Indoor                                                                                                                 |
| Standards Compliance | UL 444<br>CSA C22.2 No. 214-08<br>UL 1666<br>ANSI/TIA-568.2-D<br>ANSI/ICEA S-90-661-2012<br>Article 800, NEC (NFPA 70) |
| NRTL Programs        | UL Verified CAT 6<br>UL, c(UL) Listed CMP                                                                              |

### COPPER SPECIFICATIONS

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Pairs             | 4                                                                                      |
| Conductor         | Solid annealed copper                                                                  |
| Conductor Count   | 8                                                                                      |
| AWG (mm)          | 23 (0.57)                                                                              |
| Insulation        | FEP                                                                                    |
| Insulation Colors | Color Tip®: Light Blue/Blue, Light Orange/Orange, Light Green/Green, Light Brown/Brown |
| Separator         | Cross-Web                                                                              |

- BrakeBox® payout control system
- CableID® alpha numeric code printed every 83 feet
- QuickCount® marking system in feet and meters
- ColorTip® circuit identification system
- Adjustable tension control on reel prevents over spin and entangling of cable
- Allows both ends of a cable run to be easily identifiable without the need to separately label or tone the cable
- Provides remaining length of cable on reel
- Easily identifiable conductor mates even in low-light environments
- Color coded box labels
- Easily identifies jacket colors

## SUSTAINABILITY CERTIFICATIONS

