

Premises Copper &gt; Category 6+ &gt; UTP &gt; Plenum &gt; 4 Pairs &gt; 23 AWG

**4X23 DataGain® Category 6+ / CMP / Blue / 1K POP™ Box**

CMP

**Part Number:** 66-240-2B**Status:** Available**COPPER SPECIFICATIONS**

|                                            |          |
|--------------------------------------------|----------|
| <b>Characteristic Impedance (Ohms)</b>     | 100 ± 15 |
| <b>Voltage Rating</b>                      | 300      |
| <b>Nominal Velocity of Propagation (%)</b> | 74       |

**PHYSICAL CHARACTERISTICS**

|                                       |            |
|---------------------------------------|------------|
| <b>Nominal Diameter in (mm)</b>       | 0.22 (5.5) |
| <b>Nominal Weight lbs/kft (kg/km)</b> | 24 (36)    |
| <b>Pallet Quantity (ft)</b>           | 36000      |
| <b>Package Type</b>                   | POP™ Box   |

**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**

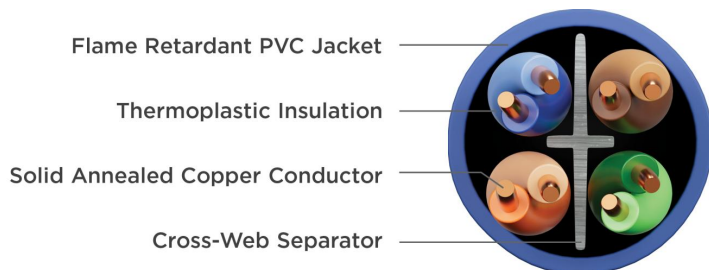
- 10BASE-T through 5GBASE-T Ethernet
- Power over Ethernet (PoE) – IEEE 802.3bt Type 1 to 4
- ATM and token ring

**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
- BrakeBox® payout control system

**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
- Adjustable tension control on reel prevents over spin and entangling of cable

**MADE  
IN THE USA****RoHS REACH****GENERAL SPECIFICATIONS**

|                             |                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Jacket</b>               | Flame retardant low smoke PVC                                                                                         |
| <b>Jacket Color</b>         | Blue                                                                                                                  |
| <b>End User Application</b> | Enterprise, Residential, LAN                                                                                          |
| <b>Environment</b>          | Indoor                                                                                                                |
| <b>Standards Compliance</b> | 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) |
| <b>NRTL Programs</b>        | UL Verified CAT 6<br>UL, c(UL) Listed CMP                                                                             |

**COPPER SPECIFICATIONS**

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

- CableID® alpha numeric code printed every 83 feet
- QuickCount® marking system in feet and meters
- ColorTip® circuit identification system
- Color coded box labels
- 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
- Easily identifies jacket colors

## SUSTAINABILITY CERTIFICATIONS

