

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

4X23 DataGain® Category 6+ / CMP / Yellow / 1K Reel-in-Box

CMP

Part Number: 66-246-6B

Status: Available



COPPER SPECIFICATIONS

Characteristic Impedance (Ohms)	100 ± 15
Voltage Rating	300
Nominal Velocity of Propagation (%)	74

PHYSICAL CHARACTERISTICS

Nominal Diameter in (mm)	0.22 (5.5)
Nominal Weight lbs/kft (kg/km)	24 (36)
Pallet Quantity (ft)	36000
Package Type	BrakeBox®

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

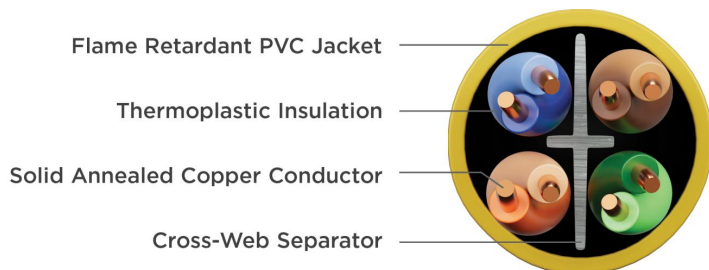
- 10BASE-T through 5GBASE-T Ethernet
- Power over Ethernet (PoE) – IEEE 802.3bt Type 1 to 4
- ATM and token ring

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



GENERAL SPECIFICATIONS

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

COPPER SPECIFICATIONS

Pair Count	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

- 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

