

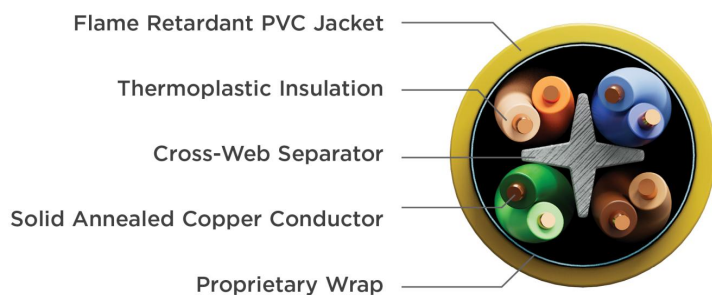
Premises Copper > Category 6A > UTP > 4 Pairs > 23 AWG

## 10Gain® XP+ Category 6A / Indoor / 4 Pairs / 23 AWG / CMP / Yellow / 2.5K FT Reel

CMP

Part Number: 6B-273-6B

Status: Available



MADE IN THE USA

RoHS

REACH

### GENERAL SPECIFICATIONS

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Jacket               | Flame retardant, low smoke PVC                                                                                                                   |
| Jacket Color         | Yellow                                                                                                                                           |
| End User Application | Enterprise, Residential, LAN, Datacenter                                                                                                         |
| Environment          | Indoor                                                                                                                                           |
| Standards Compliance | UL 444<br>CSA C22.2 No.214-08<br>UL 1666<br>ANSI/TIA-568.2-D<br>Article 800, NEC (NFPA 70)<br>RoHS-compliant/RoHS 2-compliant<br>REACH-compliant |
| NRTL Programs        | UL Verified CAT 6A<br>UL Listed CMP-LP (0.5)<br>c(UL) Listed CMP<br>RoHS-compliant/RoHS 2-compliant<br>REACH-compliant                           |

### COPPER SPECIFICATIONS

|                 |                       |
|-----------------|-----------------------|
| Pairs           | 4                     |
| Conductor       | Solid annealed copper |
| Conductor Count | 8                     |
| AWG (mm)        | 23 (0.57)             |

### COPPER SPECIFICATIONS

|                                     |                                                                                                                                        |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Insulation                          | FEP                                                                                                                                    |
| Insulation Colors                   | ColorTip®:<br>Pair 1: Light Blue / Blue<br>Pair 2: Light Orange / Orange<br>Pair 3: Light Green / Green<br>Pair 4: Light Brown / Brown |
| Separator                           | Cross-Web                                                                                                                              |
| Core Wrap                           | Proprietary construction                                                                                                               |
| Characteristic Impedance (Ohms)     | 100 ± 15                                                                                                                               |
| Nominal Velocity of Propagation (%) | 71                                                                                                                                     |

### PHYSICAL CHARACTERISTICS

|                                |              |
|--------------------------------|--------------|
| Nominal Diameter in (mm)       | 0.249 (6.32) |
| Nominal Weight lbs/kft (kg/km) | 34 (50)      |
| Pallet Quantity (ft)           | 20000        |
| Package Length                 | 2500         |
| Package Type                   | Reel         |
| Packages per Pallet            | 20           |

### Product Description

10Gain® XP+ Category 6A cable meets or exceeds all industry requirements including ANSI/TIA-568.2-D. This cable utilizes a proprietary core wrap which assures excellent alien crosstalk performance. This cable fully complies with UL 444 requirements for an unshielded twisted pair product. 10Gain® XP+ has a nominal 0.249" (CMP) or 0.275" (CMR) diameter that allows for higher cable density than other Category 6A cable products. 10Gain® XP+ is ideal for PoE applications requiring higher levels of current and simultaneously up to 10 Gigabit Ethernet.

### Applications

- 10BASE-T through 10GBASE-T Ethernet
- Power over Ethernet (PoE) - IEEE 802.3bt Type 1 to 4
- ATM and token ring
- Backward compatible to legacy protocols and applications
- HDBaseT Class A and B

### Features

- UL Certified Environmental Product Declaration (EPD)
- Health Product Declaration™ (HPD™)

### Benefits

- Contributes toward 1 LEED point under the Material and Resources credit (MRc)
- Contributes toward 1 LEED point under the MRC

- Multi-Attribute Certification by GreenCircle Certified, LLC
- Guaranteed 15 dB AXT margin
- UL Verified CAT 6A
- Tested to 650 MHz
- Nominal 0.249 (CMP) inch diameter
- Proprietary core wrap
- CableID® alpha numeric code printed every 2 feet
- Offers an overview of the sustainability of a product, its packaging and manufacturing
- Guaranteed AXT performance in virtually any installation environment
- Assures consistent worry-free performance
- Assures ample bandwidth headroom
- Higher cable density, smaller bend radius and lowers installation costs
- Provides substantially more AXT protection without grounding or bonding
- Allows both ends of a cable run to be easily identifiable without the need to separately label or tone the cable
- QuickCount® marking system in feet and meters
- ColorTip® circuit identification system
- Provides remaining length of cable on reel
- Easily identifiable conductor mates even in low-light environments

**Cautionary Information**

*Do not use as a substitute for Outside Plant (OSP) cables. Do not use in conduit or direct burial which can flood. These cables are not designed for extended exposure to water.*

**SUSTAINABILITY CERTIFICATIONS**