# CGHNB | IP06-06PUTP-PG2S-1100L

Base Product

InstaPATCH® Cu GigaSPEED XL® U/UTP Plenum Preterminated Copper Cable, dual row standard density RJ45 plug to 1100 module, 6 links

## Product Classification

| | |
|---|---|
| **Regional Availability** | Asia \| Australia/New Zealand \| EMEA \| Latin America \| North America |
| **Portfolio** | CommScope® |
| **Product Type** | Copper trunk cable assembly |
| **Product Brand** | GigaSPEED XL® \| InstaPATCH® Cu |

## General Specifications

| | |
|---|---|
| **ANSI/TIA Category** | 6 |
| **Cable Type** | U/UTP (unshielded) |
| **Conductor Type** | Solid |
| **Interface, Connector A** | RJ45 plug |
| **Interface Feature, connector A** | Dual row \| Standard density |
| **Interface, Connector B** | 1100 module |
| **Interface Feature, connector B** | Standard |
| **Link Count** | 6 |
| **Wiring** | T568B |

## Dimensions

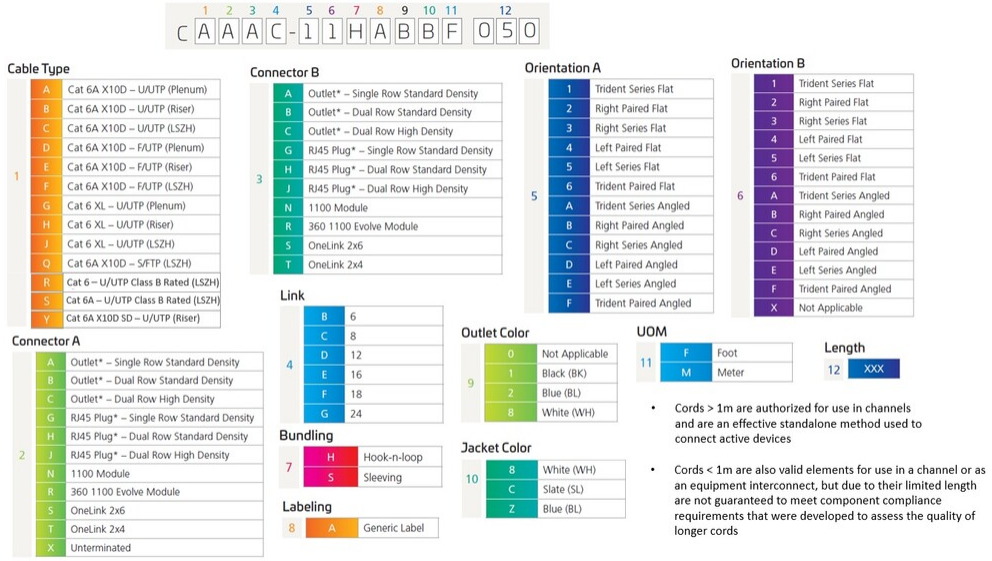
| | |
|---|---|
| **Cable Assembly Length Range (m)** | 2 – 30 |
| **Cable Assembly Length Range (ft)** | 7 – 98 |

## Electrical Specifications

| | |
|---|---|
| **dc Resistance, maximum** | 0.3 ohm |
| **Safety Voltage Rating** | 300 V |

## Ordering Tree

# CGHNB | IP06-06PUTP-PG2S-1100L




## Environmental Specifications

| | |
|---|---|
| **Operating Temperature** | -10 °C to +60 °C (+14 °F to +140 °F) |
| **Environmental Space** | Plenum |
| **Flammability Rating** | UL 94 V-0 |

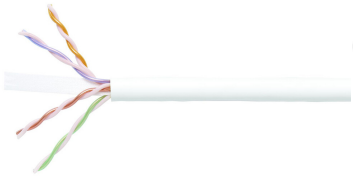
## Regulatory Compliance/Certifications

| **Agency** | **Classification** |
|---|---|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |

## Included Products

| | | |
|---|---|---|
| 2071E-4/23 | – | GigaSPEED XL® 2071E ETL Verified Category 6 U/UTP Cable, plenum, 4 pair count |

# 2071E-4/23



GigaSPEED XL® 2071E ETL Verified Category 6 U/UTP Cable, plenum, 4 pair count

## Product Classification

| | |
|---|---|
| **Regional Availability** | Asia \| Australia/New Zealand \| EMEA \| Latin America \| North America |
| **Portfolio** | SYSTIMAX® |
| **Product Type** | Twisted pair cable |
| **Product Brand** | GigaSPEED XL® |

## General Specifications

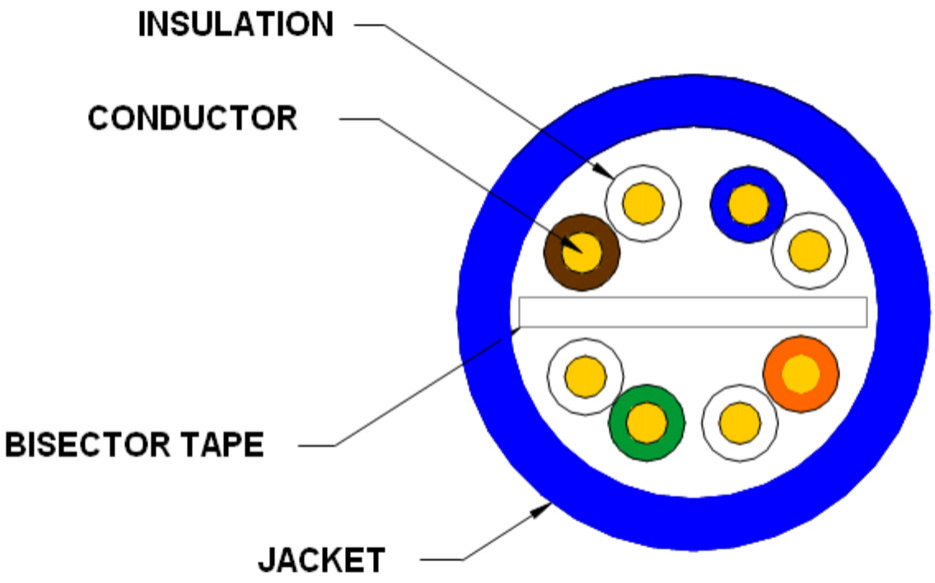
| | |
|---|---|
| **Product Number** | 2071E |
| **ANSI/TIA Category** | 6 |
| **Cable Component Type** | Horizontal |
| **Cable Type** | U/UTP (unshielded) |
| **Conductor Type, singles** | Solid |
| **Conductors, quantity** | 8 |
| **Pairs, quantity** | 4 |
| **Separator Type** | Bisector |
| **Transmission Standards** | ANSI/TIA-568.2-D \| CENELEC EN 50288-6-1 \| ISO/IEC 11801 Class E |

## Dimensions

| | |
|---|---|
| **Diameter Over Jacket, nominal** | 5.74 mm \| 0.226 in |
| **Jacket Thickness** | 0.559 mm \| 0.022 in |
| **Conductor Gauge, singles** | 23 AWG |

## Cross Section Drawing

# 2071E-4/23




## Electrical Specifications

| | |
|---|---|
| **dc Resistance Unbalance, maximum** | 5 % |
| **dc Resistance, maximum** | 7.61 ohms/100 m \| 2.32 ohms/100 ft |
| **Dielectric Strength, minimum** | 1500 Vac \| 2500 Vdc |
| **Mutual Capacitance at Frequency** | 5.6 nF/100 m @ 1 kHz |
| **Nominal Velocity of Propagation (NVP)** | 71 % |
| **Operating Frequency, maximum** | 300 MHz |
| **Operating Voltage, maximum** | 80 V |
| **Remote Powering** | Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A |

## Material Specifications

| | |
|---|---|
| **Conductor Material** | Bare copper |
| **Insulation Material** | FEP \| Polyolefin |
| **Jacket Material** | PVC |
| **Separator Material** | Flame retardant polyolefin |

## Mechanical Specifications

| | |
|---|---|
| **Pulling Tension, maximum** | 11.34 kg \| 25 lb |

## Environmental Specifications

| | |
|---|---|
| **Installation temperature** | 0 °C to +60 °C (+32 °F to +140 °F) |
| **Operating Temperature** | -20 °C to +60 °C (-4 °F to +140 °F) |
| **Environmental Space** | Plenum |
| **Temperature Rating, UL** | 75 °C \| 167 °F |
| **Flame Test Method** | CMP/FT6 |
| **Smoke Test Method** | CMP/FT6 |

## Packaging and Weights

| | |
|---|---|
| **Cable weight** | 43.157 kg/km \| 29 lb/kft |

## Regulatory Compliance/Certifications

| Agency | Classification |
|---|---|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |