# CHHND | IPO6-12RUTP-PG2S-1100L

**Base Product** 



InstaPATCH® Cu GigaSPEED XL® U/UTP Riser Preterminated Copper Cable, dual row standard density RJ45 plug to 1100 module, 12 links

This product will be discontinued on: January 31, 2025

## 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                       | 12  |  |
| 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   |  |

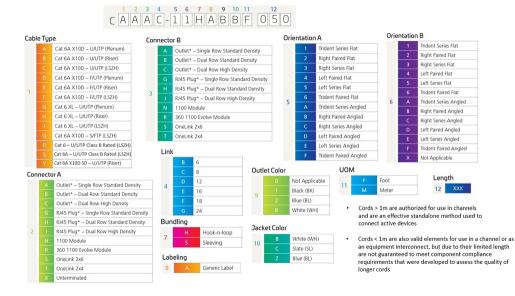
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## CHHND | IP06-12RUTP-PG2S-1100L

## Ordering Tree



#### **Environmental Specifications**

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

## Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC    | Compliant as per SVHC revision on www.commscope.com/ProductCompliance          |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |
|               |  |



#### Included Products

1071E-4/23

GigaSPEED XL® 1071E ETL Verified Category 6 U/UTP Cable, non-plenum, 4 pair count

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X

GigaSPEED XL® 1071E ETL Verified Category 6 U/UTP Cable, nonplenum, 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®   |
| Ordering Note                 | Not available in Europe, the Middle East, or Africa                 |
| General Specifications        |   |
| Product Number                | 1071E   |
| 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 | 5.893 mm   0.232 in   |
| Jacket Thickness              | 0.559 mm   0.022 in   |
| Conductor Gauge, singles      | 23 AWG  |

## Cross Section Drawing

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**COMMSCOPE**°



## 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) | 69 %  |
| 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                   | Polyolefin  |
| Jacket Material                       | PVC   |

## Separator Material

## Mechanical Specifications

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Polyolefin



## 1071E-4/23

**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      | Non-plenum                          |
| Temperature Rating, UL   | 75 °C   167 °F                      |
| Flame Test Method        | CMG   CMR                           |

## Packaging and Weights

Cable weight

38.097 kg/km | 25.6 lb/kft

#### Regulatory Compliance/Certifications

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

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