# CGGGA | IPO6-04PUTP-PG1S-PG1S

#### **Base Product**



InstaPATCH® Cu GigaSPEED XL® U/UTP Plenum Preterminated Copper Cable, single row standard density RJ45 plug to single row standard density RJ45 plug, 4 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 Single row | Standard density

Interface, Connector B RJ45 plug

Interface Feature, connector B Single row | Standard

Link Count 4

Wiring T568B

**Dimensions** 

Cable Assembly Length Range (m) 2 - 100

Cable Assembly Length Range (ft) 7 - 328

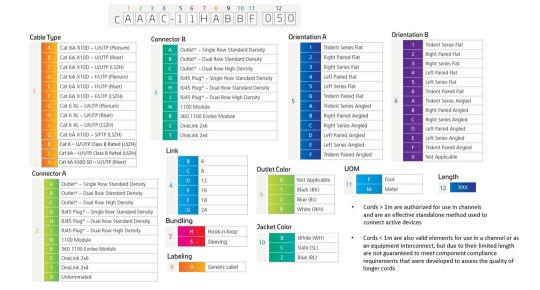
**Electrical Specifications** 

dc Resistance, maximum0.3 ohmSafety Voltage Rating300 V

Ordering Tree



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## **Environmental Specifications**

**Operating Temperature**  $-10 \,^{\circ}\text{C} \text{ to } +60 \,^{\circ}\text{C} \text{ (+14 °F to +140 °F)}$ 

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





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

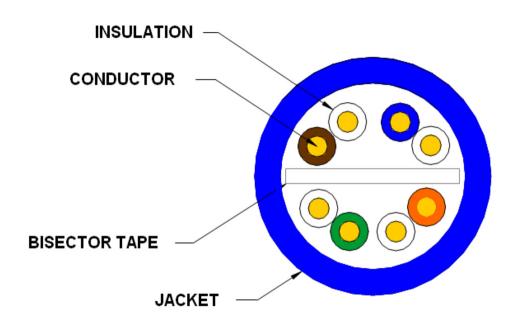
Dimensions

Diameter Over Jacket, nominal5.74 mm | 0.226 inJacket Thickness0.559 mm | 0.022 in

Conductor Gauge, singles 23 AWG

Cross Section Drawing





## **Electrical Specifications**

dc Resistance Unbalance, maximum 5 %

**dc Resistance, maximum** 7.61 ohms/100 m | 2.32 ohms/100 ft

Dielectric Strength, minimum1500 Vac | 2500 VdcMutual Capacitance at Frequency5.6 nF/100 m @ 1 kHz

Nominal Velocity of Propagation (NVP) 71 %

Operating Frequency, maximum300 MHzOperating Voltage, maximum80 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

COMMSC PE®

# 2071E-4/23

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

**Environmental Specifications** 

Installation temperature  $0 \,^{\circ}\text{C}$  to +60  $^{\circ}\text{C}$  (+32  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Operating Temperature  $-20 \,^{\circ}\text{C}$  to +60  $^{\circ}\text{C}$  (-4  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

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

