# CJGRD | IPO6-12LUTP-PLUG-1100E

#### **Base Product**



# InstaPATCH® Cu GigaSPEED XL® U/UTP LSZH Preterminated Copper Cable, RJ45 to 360 1100 Evolve module, 12 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	360 1100 Evolve module		
Interface Feature, connector B	Standard		
Link Count	12		
Wiring	Т568В		
Dimensions			
Cable Assembly Length Range (m)	2 - 30		
Cable Assembly Length Range (ft)	7 – 98		
Electrical Specifications			
dc Resistance, maximum	0.3 ohm		

### Ordering Tree

Safety Voltage Rating

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300 V



## CJGRD | IPO6-12LUTP-PLUG-1100E

#### 1 2 3 4 5 6 7 8 9 10 11 12 C A A A C - 1 1 H A B B F 0 50



#### **Environmental Specifications**

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flammability Rating	UL 94 V-0

#### Regulatory Compliance/Certifications

Agency	Classi	Classification						
			<i>c</i> .					

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

#### Included Products

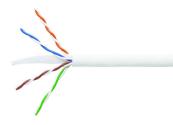
3071E-4/23

GigaSPEED XL® 3071 ETL Verified Category 6 U/UTP Cable, low smoke zero halogen, 4 pair count

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GigaSPEED XL® 3071 ETL Verified Category 6 U/UTP Cable, low smoke zero halogen, 4 pair count

#### Product Classification

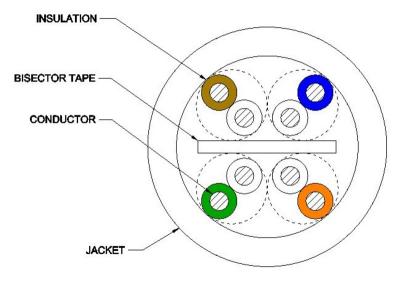
Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaSPEED XL®
General Specifications	
Product Number	3071E
ANSI/TIA Category	6
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	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	5.918 mm   0.233 in
Jacket Thickness	0.508 mm   0.02 in
Conductor Gauge, singles	23 AWG

### Cross Section Drawing

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### **Electrical Specifications**

dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	7.61 ohms/100 m   2.32 ohms/100 ft
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	Low Smoke Zero Halogen (LSZH)
Separator Material	Polyolefin
Mechanical Specifications	

Pulling Tension, maximum

11.34 kg | 25 lb

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### 3071E-4/23

#### **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)
Acid Gas Test Method	IEC 60754-2
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-3-22
Smoke Test Method	IEC 61034-2

#### Packaging and Weights

Cable weight

37.204 kg/km | 25 lb/kft

#### Regulatory Compliance/Certifications

Classification

#### Agency

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system

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