# CCNRD | IP6A-12LUTP-1100L-1100E

#### **Base Product**



Product Classification

# InstaPATCH® Cu GigaSPEED X10D® U/UTP LSZH Preterminated Copper Cable, 1100 module to 360 1100 Evolve module, 12 links

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Copper trunk cable assembly
Product Brand	GigaSPEED X10D®   InstaPATCH® Cu
General Specifications	
ANSI/TIA Category	6A
Cable Type	U/UTP (unshielded)
Conductor Type	Solid
Interface, Connector A	1100 module
Interface Feature, connector A	Standard
Interface, Connector B	360 1100 Evolve module
Interface Feature, connector B	Standard
Link Count	12
Wiring	Т568В
Dimensions	
Cable Assembly Length Range (m)	5 - 90
Cable Assembly Length Range (ft)	17 – 295
Electrical Specifications	
dc Resistance, maximum	0.3 ohm
Safety Voltage Rating	300 V

# Ordering Tree

Page 1 of 8

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# CCNRD | IP6A-12LUTP-1100L-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	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

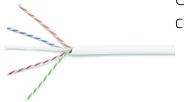
## Included Products

3091B-4/23	-	GigaSPEED X10D® 3091B ETL Verified Category 6A U/UTP Cable, 4 pair count,
760151183 360-IPR-1100-GS6-DM6	-	SYSTIMAX 360™ GigaSPEED X10D® 1100GS6 Evolve Category 6A U/UTP Distribution Module, 6 port

Page 2 of 8

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GigaSPEED X10D® 3091B ETL Verified Category 6A U/UTP Cable, 4 pair count,

### Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America	
Portfolio	SYSTIMAX®	
Product Type	Twisted pair cable	
Product Brand	GigaSPEED X10D®	
General Specifications		
Product Number	3091B	
ANSI/TIA Category	6A	
Cable Component Type	Horizontal	
Cable Type	U/UTP (unshielded)	
Conductor Type, singles	Solid	
Conductors, quantity	8	
Pairs, quantity	4	
Separator Type	Isolator	
Transmission Standards	ANSI/TIA-568.2-D   ISO/IEC 11801 Class EA	
Dimensions		
Diameter Over Jacket, nominal	7.239 mm   0.285 in	
Jacket Thickness	1.295 mm   0.051 in	
Conductor Gauge, singles	23 AWG	

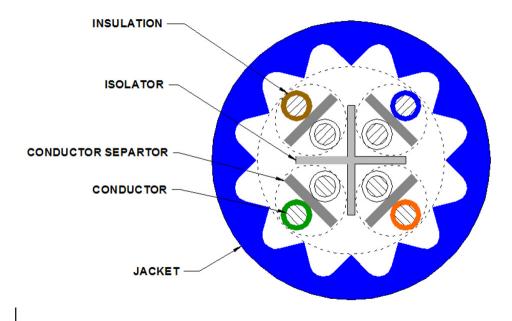
# Cross Section Drawing

Page 3 of 8

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# 3091B-4/23



# **Electrical Specifications**

dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	7.61 ohms/100 m   2.32 ohms/100 ft
Mutual Capacitance at Frequency	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	67 %
Operating Frequency, maximum	550 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
Separator 2 Material	Polyolefin

## Mechanical Specifications

Pulling Tension, maximum

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11.34 kg | 25 lb

Page 4 of 8

### **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

54.913 kg/km | 36.9 lb/kft

### Regulatory Compliance/Certifications

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

Page 5 of 8

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# 760151183 | 360-IPR-1100-GS6-DM6



SYSTIMAX 360<sup>™</sup> GigaSPEED X10D® 1100GS6 Evolve Category 6A U /UTP Distribution Module, 6 port

### Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	SYSTIMAX®
Product Type	Module
Product Brand	GigaSPEED X10D®   SYSTIMAX 360™
General Specifications	
ANSI/TIA Category	6A
Cable Type	Unshielded
Color	Cool gray
Conductor Type	Solid   Stranded
Intelligence Type	iPatch® ready
Modules, quantity	1
Rack Type	EIA 19 in
Rack Units	1
Termination Type	IDC
Total Ports, quantity	6
Wiring	T568A   T568B
Dimensions	
Height	43.688 mm   1.72 in
Width	482.6 mm   19 in
Depth	28.702 mm   1.13 in
Compatible Diameter Over Dielectric, maximum	1.168 mm   0.046 in

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Page 6 of 8

# 760151183 | 360-IPR-1100-GS6-DM6

Compatible Diameter Over Dielectric, minimum	0.762 mm   0.03 in	
Compatible Conductor Gauge, solid	22 AWG   24 AWG	
Compatible Conductor Gauge, stranded	22 AWG   24 AWG	
Electrical Specifications		
Current Rating at Temperature	1.5 A @ 20 °C   1.5 A @ 68 °F	
Dielectric Withstand Voltage, RMS, conductive surface	1,500 Vac @ 60 Hz	
Dielectric Withstand Voltage, RMS, contact-to-contact	1,000 Vac @ 60 Hz	
Insulation Resistance, minimum	500 MOhm	
Material Specifications		
Contact Plating Material	Precious metals	
Material Type	High-impact, flame retardant, thermoplastic   Powder- coated steel	
Termination Contact Plating	Nickel	
Mechanical Specifications		
Plug Insertion Life, minimum	750 times	
Plug Insertion Life, test plug	IEC 60603-7 compliant plug	
Plug Retention Force, minimum	133.447 N   30 lbf	
Environmental Specifications		
Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)	
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)	
Relative Humidity	Up to 95%, non-condensing	
Flammability Rating	UL 94 V-0	
Safety Standard	UL   cUL	
Packaging and Weights		
Packaging quantity	1	

Packaging quantity	1
Weight, net	0.073 kg   0.16 lb

### Regulatory Compliance/Certifications

Agency

CHINA-ROHS

Classification

Below maximum concentration value

Page 7 of 8

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ISO 9001:2015

**REACH-SVHC** 

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Page 8 of 8

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