

# CYRRB | IP6ASD-06RUTP-1100E-1100E

## Base Product



InstaPATCH® Cu GigaSPEED X10D® U/UTP SD Riser Preterminated Copper Cable, 360 1100 Evolve module to 360 1100 Evolve module, 6 links

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Copper trunk cable assembly
<b>Product Brand</b>	GigaSPEED X10D®   InstaPATCH® Cu

## General Specifications

<b>ANSI/TIA Category</b>	6A
<b>Cable Type</b>	U/UTP (unshielded)
<b>Conductor Type</b>	Solid
<b>Interface, Connector A</b>	360 1100 Evolve module
<b>Interface Feature, connector A</b>	Standard
<b>Interface, Connector B</b>	360 1100 Evolve module
<b>Interface Feature, connector B</b>	Standard
<b>Link Count</b>	6
<b>Wiring</b>	T568B

## Dimensions

<b>Cable Assembly Length Range (m)</b>	2 – 80
<b>Cable Assembly Length Range (ft)</b>	7 – 262

## Electrical Specifications

<b>dc Resistance, maximum</b>	0.3 ohm
<b>Safety Voltage Rating</b>	300 V

## Ordering Tree

# CYRRB | IP6ASD-06RUTP-1100E-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 5 0

Cable Type	Connector B	Orientation A	Orientation B
A Cat 6A X10D – U/UTP (Plenum)	A Outlet* – Single Row Standard Density	1 Trident Series Flat	1 Trident Series Flat
B Cat 6A X10D – U/UTP (Riser)	B Outlet* – Dual Row Standard Density	2 Right Paired Flat	2 Right Paired Flat
C Cat 6A X10D – U/UTP (LSZH)	C Outlet* – Dual Row High Density	3 Right Series Flat	3 Right Series Flat
D Cat 6A X10D – F/UTP (Plenum)	G RJ45 Plug* – Single Row Standard Density	4 Left Paired Flat	4 Left Paired Flat
E Cat 6A X10D – F/UTP (Riser)	H RJ45 Plug* – Dual Row Standard Density	5 Left Series Flat	5 Left Series Flat
F Cat 6A X10D – F/UTP (LSZH)	J RJ45 Plug* – Dual Row High Density	6 Trident Paired Flat	6 Trident Paired Flat
G Cat 6 XL – U/UTP (Plenum)	N 1100 Module	A Trident Series Angled	A Trident Series Angled
H Cat 6 XL – U/UTP (Riser)	R 360 1100 Evolve Module	B Right Paired Angled	B Right Paired Angled
J Cat 6 XL – U/UTP (LSZH)	S OneLink 2x6	C Right Series Angled	C Right Series Angled
Q Cat 6A X10D – S/FTP (LSZH)	T OneLink 2x4	D Left Paired Angled	D Left Paired Angled
R Cat 6 – U/UTP Class B Rated (LSZH)		E Left Series Angled	E Left Series Angled
S Cat 6A – U/UTP Class B Rated (LSZH)		F Trident Paired Angled	F Trident Paired Angled
Y Cat 6A X10D SD – U/UTP (Riser)			X Not Applicable

Connector A	Link	Outlet Color	Jacket Color	UOM	Length
A Outlet* – Single Row Standard Density	B 6	0 Not Applicable	8 White (WH)	F Foot	12 XXX
B Outlet* – Dual Row Standard Density	C 8	1 Black (BK)	10 Slate (SL)	M Meter	
C Outlet* – Dual Row High Density	D 12	2 Blue (BL)			
G RJ45 Plug* – Single Row Standard Density	E 16	3 White (WH)			
H RJ45 Plug* – Dual Row Standard Density	F 18				
J RJ45 Plug* – Dual Row High Density	G 24				
N 1100 Module					
R 360 1100 Evolve Module					
S OneLink 2x6					
T OneLink 2x4					
X Unterminated					

Bundling	Labeling
H Hook-n-loop	A Generic Label
S Sleaving	

• Cords > 1m are authorized for use in channels and are an effective standalone method used to connect active devices  
 • Cords < 1m are also valid elements for use in a channel or as an equipment interconnect, but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords

## Environmental Specifications

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

## Regulatory Compliance/Certifications

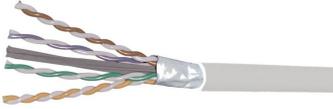
<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

## Included Products

1091SD	–	GigaSPEED X10D® 1091SD ETL Verified Category 6A U/UTP Cable
760151183	–	SYSTIMAX 360™ GigaSPEED X10D® 1100GS6 Evolve Category 6A U/UTP Distribution Module, 6 port
360-IPR-1100-GS6-DM6		

# 1091SD

## Base Product



## GigaSPEED X10D® 1091SD ETL Verified Category 6A U/UTP Cable

- Ideal solution where space is a concern – 0.265” outer diameter maximum utilizing a specially designed non-conductive tape around the 4 pairs
- Part of the SYSTIMAX GigaSPEED X10D family of products
- Meets and exceeds performance specifications for all channel configurations currently supported by the GigaSPEED X10D system

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   Latin America   Middle East/Africa   North America
<b>Portfolio</b>	SYSTIMAX®
<b>Product Type</b>	Twisted pair cable
<b>Product Brand</b>	GigaSPEED X10D®

## General Specifications

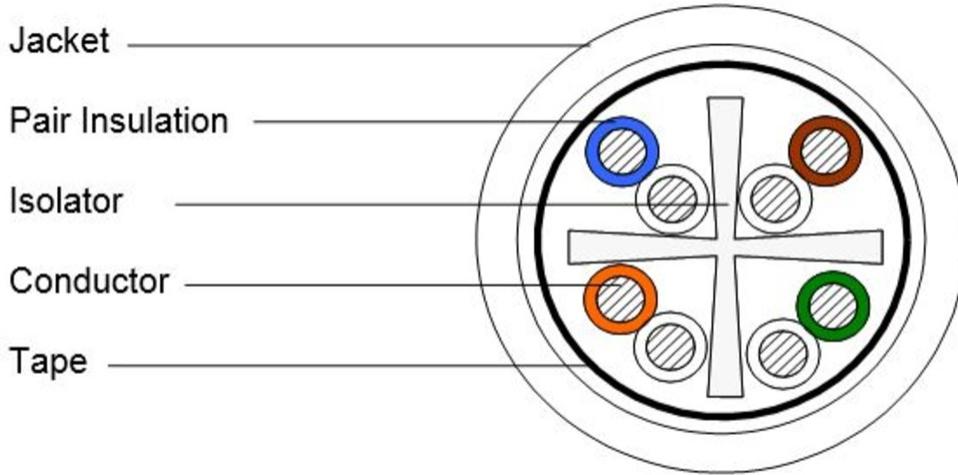
<b>Product Number</b>	1091SD
<b>ANSI/TIA Category</b>	6A
<b>Cable Component Type</b>	Horizontal
<b>Cable Type</b>	U/UTP (unshielded)
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	8
<b>Note</b>	Consult ANSI/TIA-568-C.2 Annex G for length de-rating guidance for cable installation in higher temperature environments
<b>Pairs, quantity</b>	4
<b>Separator Type</b>	Isolator
<b>Transmission Standards</b>	ANSI/TIA-568.2-D

## Dimensions

<b>Diameter Over Insulated Conductor</b>	1.148 mm   0.045 in
<b>Diameter Over Jacket, nominal</b>	6.731 mm   0.265 in
<b>Jacket Thickness</b>	0.406 mm   0.016 in
<b>Conductor Gauge, singles</b>	23 AWG

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## Cross Section Drawing



## Electrical Specifications

<b>dc Resistance Unbalance, maximum</b>	4 %
<b>dc Resistance, maximum</b>	8 ohms/100 m   2.438 ohms/100 ft
<b>Dielectric Strength, minimum</b>	1500 Vac   2500 Vdc
<b>LP (Limited Power) Rating</b>	0.5 A
<b>Mutual Capacitance at Frequency</b>	5.6 nF/100 m @ 1 kHz
<b>Nominal Velocity of Propagation (NVP)</b>	70 %
<b>Operating Frequency, maximum</b>	500 MHz
<b>Operating Voltage, maximum</b>	80 V
<b>Remote Powering</b>	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

<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	Polyolefin
<b>Jacket Material</b>	PVC
<b>Separator Material</b>	Polyolefin
<b>Tape Material</b>	Poly/Aluminum/Poly

## Mechanical Specifications

<b>Pulling Tension, maximum</b>	11.34 kg   25 lb
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## Environmental Specifications

<b>Installation temperature</b>	0 °C to +60 °C (+32 °F to +140 °F)
<b>Operating Temperature</b>	-20 °C to +75 °C (-4 °F to +167 °F)
<b>Environmental Space</b>	Non-plenum
<b>Temperature Rating, UL</b>	75 °C   167 °F
<b>Flame Test Method</b>	CMR

## Packaging and Weights

<b>Cable weight</b>	40.18 kg/km   27 lb/kft
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# 760151183 | 360-IPR-1100-GS6-DM6

SYSTIMAX 360™ 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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<b>Compatible Diameter Over Dielectric, minimum</b>	0.762 mm   0.03 in
<b>Compatible Conductor Gauge, solid</b>	22-24 AWG   21 AWG (for CommScope GigaREACH cable only)
<b>Compatible Conductor Gauge, stranded</b>	22-24 AWG

## Electrical Specifications

<b>Current Rating at Temperature</b>	1.5 A @ 20 °C   1.5 A @ 68 °F
<b>Dielectric Withstand Voltage, RMS, conductive surface</b>	1,500 Vac @ 60 Hz
<b>Dielectric Withstand Voltage, RMS, contact-to-contact</b>	1,000 Vac @ 60 Hz
<b>Insulation Resistance, minimum</b>	500 MOhm

## Material Specifications

<b>Contact Plating Material</b>	Precious metals
<b>Material Type</b>	High-impact, flame retardant, thermoplastic   Powder-coated steel
<b>Termination Contact Plating</b>	Nickel

## Mechanical Specifications

<b>Plug Insertion Life, minimum</b>	750 times
<b>Plug Insertion Life, test plug</b>	IEC 60603-7 compliant plug
<b>Plug Retention Force, minimum</b>	133.447 N   30 lbf

## Environmental Specifications

<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Relative Humidity</b>	Up to 95%, non-condensing
<b>Flammability Rating</b>	UL 94 V-0
<b>Safety Standard</b>	UL   cUL

## Packaging and Weights

<b>Packaging quantity</b>	1
<b>Weight, net</b>	0.073 kg   0.16 lb

## Regulatory Compliance/Certifications

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

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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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

