

# CBHXG | IP6A-24RUTP-PG2S-BLUNT

## Base Product



InstaPATCH® Cu GigaSPEED X10D® U/UTP Riser Preterminated Copper Cable, dual row standard density RJ45 plug to unterminated, 24 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>	RJ45 plug
<b>Interface Feature, connector A</b>	Dual row   Standard density
<b>Interface, Connector B</b>	Unterminated
<b>Link Count</b>	24
<b>Wiring</b>	T568B

## Dimensions

<b>Cable Assembly Length Range (m)</b>	2 – 30
<b>Cable Assembly Length Range (ft)</b>	7 – 98

## Electrical Specifications

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

## Ordering Tree

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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												
<b>Cable Type</b>	<b>Connector B</b>			<b>Orientation A</b>			<b>Orientation B</b>					
A Cat 6A X10D – U/UTP (Plenum)	A Outlet* – Single Row Standard Density	1 Trident Series Flat	1 Trident Series Flat	1 Trident Series Flat	1 Trident Series Flat	1 Trident Series Flat	1 Trident Series Flat	1 Trident Series Flat	1 Trident Series Flat	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	2 Right Paired Flat	2 Right Paired Flat	2 Right Paired Flat	2 Right Paired Flat	2 Right Paired Flat	2 Right Paired Flat	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	3 Right Series Flat	3 Right Series Flat	3 Right Series Flat	3 Right Series Flat	3 Right Series Flat	3 Right Series Flat	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	4 Left Paired Flat	4 Left Paired Flat	4 Left Paired Flat	4 Left Paired Flat	4 Left Paired Flat	4 Left Paired Flat	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	5 Left Series Flat	5 Left Series Flat	5 Left Series Flat	5 Left Series Flat	5 Left Series Flat	5 Left Series Flat	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	6 Trident Paired Flat	6 Trident Paired Flat	6 Trident Paired Flat	6 Trident Paired Flat	6 Trident Paired Flat	6 Trident Paired Flat	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	A Trident Series Angled	A Trident Series Angled	A Trident Series Angled	A Trident Series Angled	A Trident Series Angled	A Trident Series Angled	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	B Right Paired Angled	B Right Paired Angled	B Right Paired Angled	B Right Paired Angled	B Right Paired Angled	B Right Paired Angled	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	C Right Series Angled	C Right Series Angled	C Right Series Angled	C Right Series Angled	C Right Series Angled	C Right Series Angled	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	D Left Paired Angled	D Left Paired Angled	D Left Paired Angled	D Left Paired Angled	D Left Paired Angled	D Left Paired Angled	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	E Left Series Angled	E Left Series Angled	E Left Series Angled	E Left Series Angled	E Left Series Angled	E Left Series Angled	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	F Trident Paired Angled	F Trident Paired Angled	F Trident Paired Angled	F Trident Paired Angled	F Trident Paired Angled	F Trident Paired Angled	F Trident Paired Angled	F Trident Paired Angled	
Y Cat 6A X10D SD – U/UTP (Riser)		X Not Applicable	X Not Applicable	X Not Applicable	X Not Applicable	X Not Applicable	X Not Applicable	X Not Applicable	X Not Applicable	X Not Applicable	X Not Applicable	
<b>Connector A</b>	<b>Link</b>	<b>Outlet Color</b>	<b>UOM</b>	<b>Length</b>								
A Outlet* – Single Row Standard Density	B 6	0 Not Applicable	F Foot	11 XXX								
B Outlet* – Dual Row Standard Density	C 8	1 Black (BK)	M Meter	12 XXX								
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 Untermated												
<b>Bundling</b>	<b>Jacket Color</b>											
H Hook-n-loop	8 White (WH)											
S Sleaving	10 Slate (SL)											
<b>Labeling</b>	Z Blue (BL)											
A Generic Label												

## 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

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



## Included Products

1095B-4/24	–	GigaSPEED X10D® 1095B Category 6A U/UTP Cable, non-plenum, 4 pair count
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GigaSPEED X10D® 1095B Category 6A U/UTP Cable, non-plenum, 4 pair count

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   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>	1095B
<b>ANSI/TIA Category</b>	6A
<b>Cable Component Type</b>	Cordage
<b>Cable Type</b>	U/UTP (unshielded)
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	8
<b>Pairs, quantity</b>	4
<b>Separator Type</b>	Isolator
<b>Transmission Standards</b>	ANSI/TIA-568.2-D

## Dimensions

<b>Diameter Over Jacket, nominal</b>	7.239 mm   0.285 in
<b>Jacket Thickness</b>	1.524 mm   0.06 in
<b>Conductor Gauge, singles</b>	24 AWG

## Cross Section Drawing



## Electrical Specifications

<b>Characteristic Impedance</b>	100 ohm
<b>Characteristic Impedance Tolerance</b>	±15 ohm
<b>dc Resistance Unbalance, maximum</b>	4 %
<b>dc Resistance, maximum</b>	9.38 ohms/100 m   2.859 ohms/100 ft
<b>Dielectric Strength, minimum</b>	1500 Vac   2500 Vdc
<b>Mutual Capacitance at Frequency</b>	6.0 nF/100 m @ 1 kHz
<b>Nominal Velocity of Propagation (NVP)</b>	67 %
<b>Operating Frequency, maximum</b>	550 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
<b>Safety Voltage Rating</b>	300 V

## Material Specifications

<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	Polyolefin

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<b>Jacket Material</b>	PVC
<b>Separator Material</b>	Polyolefin
<b>Separator 2 Material</b>	Polyolefin

## 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 +60 °C (-4 °F to +140 °F)
<b>Environmental Space</b>	Non-plenum
<b>Flame Test Method</b>	CM

## Packaging and Weights

<b>Cable weight</b>	55.047 kg/km   36.99 lb/kft
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## Regulatory Compliance/Certifications

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