

CTAGG | IP6A-24BFTP-01S-PG1S

Base Product



InstaPATCH® Cu GigaSPEED X10D® F/FTP LSZH Class B2ca
Preterminated Copper Cable, single row standard density outlet to single
row standard density RJ45 plug, 24 links

Product Classification

Regional Availability	EMEA
Portfolio	CommScope®
Product Type	Copper trunk cable assembly
Product Brand	GigaSPEED X10D® InstaPATCH® Cu
Ordering Note	Available cable jacket color: white

General Specifications

ANSI/TIA Category	6A
Cable Type	F/FTP (shielded) S/FTP (shielded)
Conductor Type	Solid
Interface, Connector A	Information outlet
Interface Feature, connector A	Single row Standard density
Interface, Connector B	RJ45 plug
Interface Feature, connector B	Single row Standard
Link Count	24
Wiring	T568B

Dimensions

Cable Assembly Length Range (m)	5 – 90
Cable Assembly Length Range (ft)	17 – 295

Electrical Specifications

dc Resistance, maximum	0.3 ohm
-------------------------------	---------

CTAGG | IP6A-24BFTP-01S-PG1S

Safety Voltage Rating

300 V

Ordering Tree

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

Cable Type	Connector B	Orientation A	Orientation B	Link	Outlet Color	UOM	Length																																																																																																																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>A</td><td>Cat 6A X10D – U/UTP (Plenum)</td></tr> <tr><td>B</td><td>Cat 6A X10D – U/UTP (Riser)</td></tr> <tr><td>C</td><td>Cat 6A X10D – U/UTP (LSZH)</td></tr> <tr><td>D</td><td>Cat 6A X10D – F/UTP (Plenum)</td></tr> <tr><td>E</td><td>Cat 6A X10D – F/UTP (Riser)</td></tr> <tr><td>F</td><td>Cat 6A X10D – F/UTP (LSZH)</td></tr> <tr><td>G</td><td>Cat 6 XL – U/UTP (Plenum)</td></tr> <tr><td>H</td><td>Cat 6 XL – U/UTP (Riser)</td></tr> <tr><td>J</td><td>Cat 6 XL – U/UTP (LSZH)</td></tr> <tr><td>Q</td><td>Cat 6A X10D – S/FTP (LSZH)</td></tr> <tr><td>R</td><td>Cat 6 – U/UTP Class B Rated (LSZH)</td></tr> <tr><td>S</td><td>Cat 6A – U/UTP Class B Rated (LSZH)</td></tr> <tr><td>Y</td><td>Cat 6A X10D SD – U/UTP (Riser)</td></tr> </table>	A	Cat 6A X10D – U/UTP (Plenum)	B	Cat 6A X10D – U/UTP (Riser)	C	Cat 6A X10D – U/UTP (LSZH)	D	Cat 6A X10D – F/UTP (Plenum)	E	Cat 6A X10D – F/UTP (Riser)	F	Cat 6A X10D – F/UTP (LSZH)	G	Cat 6 XL – U/UTP (Plenum)	H	Cat 6 XL – U/UTP (Riser)	J	Cat 6 XL – U/UTP (LSZH)	Q	Cat 6A X10D – S/FTP (LSZH)	R	Cat 6 – U/UTP Class B Rated (LSZH)	S	Cat 6A – U/UTP Class B Rated (LSZH)	Y	Cat 6A X10D SD – U/UTP (Riser)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>A</td><td>Outlet* – Single Row Standard Density</td></tr> <tr><td>B</td><td>Outlet* – Dual Row Standard Density</td></tr> <tr><td>C</td><td>Outlet* – Dual Row High Density</td></tr> <tr><td>G</td><td>RJ45 Plug* – Single Row Standard Density</td></tr> <tr><td>H</td><td>RJ45 Plug* – Dual Row Standard Density</td></tr> <tr><td>J</td><td>RJ45 Plug* – Dual Row High Density</td></tr> <tr><td>N</td><td>1100 Module</td></tr> <tr><td>R</td><td>360 1100 Evolve Module</td></tr> <tr><td>S</td><td>OneLink 2x6</td></tr> <tr><td>T</td><td>OneLink 2x4</td></tr> </table>	A	Outlet* – Single Row Standard Density	B	Outlet* – Dual Row Standard Density	C	Outlet* – Dual Row High Density	G	RJ45 Plug* – Single Row Standard Density	H	RJ45 Plug* – Dual Row Standard Density	J	RJ45 Plug* – Dual Row High Density	N	1100 Module	R	360 1100 Evolve Module	S	OneLink 2x6	T	OneLink 2x4	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>1</td><td>Trident Series Flat</td></tr> <tr><td>2</td><td>Right Paired Flat</td></tr> <tr><td>3</td><td>Right Series Flat</td></tr> <tr><td>4</td><td>Left Paired Flat</td></tr> <tr><td>5</td><td>Left Series Flat</td></tr> <tr><td>6</td><td>Trident Paired Flat</td></tr> <tr><td>A</td><td>Trident Series Angled</td></tr> <tr><td>B</td><td>Right Paired Angled</td></tr> <tr><td>C</td><td>Right Series Angled</td></tr> <tr><td>D</td><td>Left Paired Angled</td></tr> <tr><td>E</td><td>Left Series Angled</td></tr> <tr><td>F</td><td>Trident Paired Angled</td></tr> <tr><td>X</td><td>Not Applicable</td></tr> </table>	1	Trident Series Flat	2	Right Paired Flat	3	Right Series Flat	4	Left Paired Flat	5	Left Series Flat	6	Trident Paired Flat	A	Trident Series Angled	B	Right Paired Angled	C	Right Series Angled	D	Left Paired Angled	E	Left Series Angled	F	Trident Paired Angled	X	Not Applicable	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>1</td><td>Trident Series Flat</td></tr> <tr><td>2</td><td>Right Paired Flat</td></tr> <tr><td>3</td><td>Right Series Flat</td></tr> <tr><td>4</td><td>Left Paired Flat</td></tr> <tr><td>5</td><td>Left Series Flat</td></tr> <tr><td>6</td><td>Trident Paired Flat</td></tr> <tr><td>A</td><td>Trident Series Angled</td></tr> <tr><td>B</td><td>Right Paired Angled</td></tr> <tr><td>C</td><td>Right Series Angled</td></tr> <tr><td>D</td><td>Left Paired Angled</td></tr> <tr><td>E</td><td>Left Series Angled</td></tr> <tr><td>F</td><td>Trident Paired Angled</td></tr> <tr><td>X</td><td>Not Applicable</td></tr> </table>	1	Trident Series Flat	2	Right Paired Flat	3	Right Series Flat	4	Left Paired Flat	5	Left Series Flat	6	Trident Paired Flat	A	Trident Series Angled	B	Right Paired Angled	C	Right Series Angled	D	Left Paired Angled	E	Left Series Angled	F	Trident Paired Angled	X	Not Applicable	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>B</td><td>6</td></tr> <tr><td>C</td><td>8</td></tr> <tr><td>D</td><td>12</td></tr> <tr><td>E</td><td>16</td></tr> <tr><td>F</td><td>18</td></tr> <tr><td>G</td><td>24</td></tr> </table>	B	6	C	8	D	12	E	16	F	18	G	24	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>0</td><td>Not Applicable</td></tr> <tr><td>1</td><td>Black (BK)</td></tr> <tr><td>2</td><td>Blue (BL)</td></tr> <tr><td>B</td><td>White (WH)</td></tr> </table>	0	Not Applicable	1	Black (BK)	2	Blue (BL)	B	White (WH)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>11</td><td>F</td><td>Foot</td></tr> <tr><td></td><td>M</td><td>Meter</td></tr> </table>	11	F	Foot		M	Meter	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>12</td><td>XXX</td></tr> </table>	12	XXX
A	Cat 6A X10D – U/UTP (Plenum)																																																																																																																																				
B	Cat 6A X10D – U/UTP (Riser)																																																																																																																																				
C	Cat 6A X10D – U/UTP (LSZH)																																																																																																																																				
D	Cat 6A X10D – F/UTP (Plenum)																																																																																																																																				
E	Cat 6A X10D – F/UTP (Riser)																																																																																																																																				
F	Cat 6A X10D – F/UTP (LSZH)																																																																																																																																				
G	Cat 6 XL – U/UTP (Plenum)																																																																																																																																				
H	Cat 6 XL – U/UTP (Riser)																																																																																																																																				
J	Cat 6 XL – U/UTP (LSZH)																																																																																																																																				
Q	Cat 6A X10D – S/FTP (LSZH)																																																																																																																																				
R	Cat 6 – U/UTP Class B Rated (LSZH)																																																																																																																																				
S	Cat 6A – U/UTP Class B Rated (LSZH)																																																																																																																																				
Y	Cat 6A X10D SD – U/UTP (Riser)																																																																																																																																				
A	Outlet* – Single Row Standard Density																																																																																																																																				
B	Outlet* – Dual Row Standard Density																																																																																																																																				
C	Outlet* – Dual Row High Density																																																																																																																																				
G	RJ45 Plug* – Single Row Standard Density																																																																																																																																				
H	RJ45 Plug* – Dual Row Standard Density																																																																																																																																				
J	RJ45 Plug* – Dual Row High Density																																																																																																																																				
N	1100 Module																																																																																																																																				
R	360 1100 Evolve Module																																																																																																																																				
S	OneLink 2x6																																																																																																																																				
T	OneLink 2x4																																																																																																																																				
1	Trident Series Flat																																																																																																																																				
2	Right Paired Flat																																																																																																																																				
3	Right Series Flat																																																																																																																																				
4	Left Paired Flat																																																																																																																																				
5	Left Series Flat																																																																																																																																				
6	Trident Paired Flat																																																																																																																																				
A	Trident Series Angled																																																																																																																																				
B	Right Paired Angled																																																																																																																																				
C	Right Series Angled																																																																																																																																				
D	Left Paired Angled																																																																																																																																				
E	Left Series Angled																																																																																																																																				
F	Trident Paired Angled																																																																																																																																				
X	Not Applicable																																																																																																																																				
1	Trident Series Flat																																																																																																																																				
2	Right Paired Flat																																																																																																																																				
3	Right Series Flat																																																																																																																																				
4	Left Paired Flat																																																																																																																																				
5	Left Series Flat																																																																																																																																				
6	Trident Paired Flat																																																																																																																																				
A	Trident Series Angled																																																																																																																																				
B	Right Paired Angled																																																																																																																																				
C	Right Series Angled																																																																																																																																				
D	Left Paired Angled																																																																																																																																				
E	Left Series Angled																																																																																																																																				
F	Trident Paired Angled																																																																																																																																				
X	Not Applicable																																																																																																																																				
B	6																																																																																																																																				
C	8																																																																																																																																				
D	12																																																																																																																																				
E	16																																																																																																																																				
F	18																																																																																																																																				
G	24																																																																																																																																				
0	Not Applicable																																																																																																																																				
1	Black (BK)																																																																																																																																				
2	Blue (BL)																																																																																																																																				
B	White (WH)																																																																																																																																				
11	F	Foot																																																																																																																																			
	M	Meter																																																																																																																																			
12	XXX																																																																																																																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>A</td><td>Outlet* – Single Row Standard Density</td></tr> <tr><td>B</td><td>Outlet* – Dual Row Standard Density</td></tr> <tr><td>C</td><td>Outlet* – Dual Row High Density</td></tr> <tr><td>G</td><td>RJ45 Plug* – Single Row Standard Density</td></tr> <tr><td>H</td><td>RJ45 Plug* – Dual Row Standard Density</td></tr> <tr><td>J</td><td>RJ45 Plug* – Dual Row High Density</td></tr> <tr><td>N</td><td>1100 Module</td></tr> <tr><td>R</td><td>360 1100 Evolve Module</td></tr> <tr><td>S</td><td>OneLink 2x6</td></tr> <tr><td>T</td><td>OneLink 2x4</td></tr> <tr><td>X</td><td>Unterminated</td></tr> </table>	A	Outlet* – Single Row Standard Density	B	Outlet* – Dual Row Standard Density	C	Outlet* – Dual Row High Density	G	RJ45 Plug* – Single Row Standard Density	H	RJ45 Plug* – Dual Row Standard Density	J	RJ45 Plug* – Dual Row High Density	N	1100 Module	R	360 1100 Evolve Module	S	OneLink 2x6	T	OneLink 2x4	X	Unterminated	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>H</td><td>Hook-n-loop</td></tr> <tr><td>S</td><td>Slewing</td></tr> </table>	H	Hook-n-loop	S	Slewing	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>8</td><td>A</td><td>Generic Label</td></tr> </table>	8	A	Generic Label	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>7</td><td>H</td><td>Hook-n-loop</td></tr> <tr><td></td><td>S</td><td>Slewing</td></tr> </table>	7	H	Hook-n-loop		S	Slewing	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>10</td><td>B</td><td>White (WH)</td></tr> <tr><td></td><td>C</td><td>Slate (SL)</td></tr> <tr><td></td><td>Z</td><td>Blue (BL)</td></tr> </table>	10	B	White (WH)		C	Slate (SL)		Z	Blue (BL)	<ul style="list-style-type: none"> 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 																																																																																				
A	Outlet* – Single Row Standard Density																																																																																																																																				
B	Outlet* – Dual Row Standard Density																																																																																																																																				
C	Outlet* – Dual Row High Density																																																																																																																																				
G	RJ45 Plug* – Single Row Standard Density																																																																																																																																				
H	RJ45 Plug* – Dual Row Standard Density																																																																																																																																				
J	RJ45 Plug* – Dual Row High Density																																																																																																																																				
N	1100 Module																																																																																																																																				
R	360 1100 Evolve Module																																																																																																																																				
S	OneLink 2x6																																																																																																																																				
T	OneLink 2x4																																																																																																																																				
X	Unterminated																																																																																																																																				
H	Hook-n-loop																																																																																																																																				
S	Slewing																																																																																																																																				
8	A	Generic Label																																																																																																																																			
7	H	Hook-n-loop																																																																																																																																			
	S	Slewing																																																																																																																																			
10	B	White (WH)																																																																																																																																			
	C	Slate (SL)																																																																																																																																			
	Z	Blue (BL)																																																																																																																																			

Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
EN50575 CPR Cable EuroClass Fire Performance	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	s1
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flammability Rating	UL 94 V-0

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

CTAGG | IP6A-24BFTP-01S-PG1S



Included Products

760237952
3296A-B WH 4/23 R1640

- 3296A-B Category 6A F/FTP Cable, low smoke zero halogen, white jacket, 4 pair count, 1640 ft (500 m) length, reel