CPC8392

Base Product

GigaSPEED® 110GS to GS8E 4 Pair Low Smoke Zero Halogen Hybrid Patch Cord

This product will be discontinued on: July 1, 2024

Product Classification

Regional Availability	Asia | Australia/New Zealand | EMEA | Latin America | North America
Portfolio	SYSTIMAX®
Product Type	Twisted pair patch cord
Product Brand	GigaSPEED®
Product Series	CPC
Ordering Note	Cords < 1 m are 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 | Cords > 1 m are authorized for use in channels and are an effective standalone method used to connect active devices

General Specifications

ANSI/TIA Category	6
Cable Type	U/UTP (unshielded)
Conductor Type	Stranded
Interface, Connector A	110 plug
Interface Feature, connector A	Standard
Interface, Connector B	RJ45 plug
Interface Feature, connector B	Standard
Jacket Color	Dark gray
Pairs, quantity	4
Transmission Standards	IEEE 802.3bt Type 4
Wiring	T568B

Dimensions

Cable Assembly Length Range (m)	1 – 30
Cable Assembly Length Range (ft)	1 – 100

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Diameter Over Jacket	6.02 mm | 0.237 in
Compatible Conductor Gauge, stranded	24 AWG

Wiring Diagram

	Connector A	Connector B
Position 1	Lt. Blue	White/Orange
Position 2	Blue	Orange
Position 3	White/Orange	Lt. Green
Position 4	Orange	Blue
Position 5	Lt. Green	Lt. Blue
Position 6	Green	Green
Position 7	Lt. Brown	Lt. Brown
Position 8	Brown	Brown

Electrical Specifications

dc Resistance, maximum	0.3 ohm

Ordering Tree

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              9   10  11      12
CPC ☐ ☐ ☐ ☐ - 0   1   F   0   5   0
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Outlet Color

9		
	0	Not applicable
	1	Black
	2	Blue
	3	Gray
	4	Green
	5	Ivory
	6	Orange
	7	Red
	8	White
	9	Yellow
	B	Lilac

Jacket Color

10		
	1	Black
	2	Light blue
	3	Dark gray
	4	Spring green
	5	Ivory
	6	Orange
	7	Red
	8	White
	9	Yellow
	B	Lilac
	C	Gray
	K	Pink
	L	Violet
	M	Green
	Z	Blue

UOM

11		
	F	Foot
	M	Meter
	N	Inch
	C	Centimeter

Length

12	XXX

Notes

- 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

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Material Specifications

Contact Plating Material   Precious metals

Material Type   Copper alloy | Polycarbonate

Mechanical Specifications

Plug Insertion Life, minimum   200 times

Plug Retention Force, minimum   44 N | 9.892 lbf

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

Safety Standard   ETL | cETL

Packaging and Weights

Packaging quantity   1

Regulatory Compliance/Certifications

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

Included Products

860087279
3074E WHT C6 4/24 SR U/UTP
RVAR
– GigaSPEED XL® 3074E Category 6 U/UTP Cable, low smoke zero halogen, white jacket, 4 pair count, variable length, reel

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GigaSPEED XL® 3074E Category 6 U/UTP Cable, low smoke zero halogen, white jacket, 4 pair count, variable length, reel

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	3074E
ANSI/TIA Category	6
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Stranded
Conductors, quantity	8
Jacket Color	White
Pairs, quantity	4
Separator Type	Bisector
Transmission Standards	ANSI/TIA-568.2-D	CENELEC EN 50288-6-1	ISO/IEC 11801 Class E

Dimensions

Cable Length, special	Variable length
Diameter Over Jacket, nominal	6.02 mm	0.237 in
Jacket Thickness	0.559 mm	0.022 in
Conductor Gauge, singles	24 AWG

Electrical Specifications

dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m	2.859 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

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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	Tinned copper
Insulation Material	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)
Separator Material	Polyolefin

Mechanical Specifications

Pulling Tension, maximum	11.34 kg	25 lb

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
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s2
EN50575 CPR Cable EuroClass Droplets Rating	d2
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-1
Smoke Test Method	IEC 61034-2

Packaging and Weights

Cable weight	38.692 kg/km	26 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

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