

CPC8662

Base Product

110 to D8PS 1 Pair Hybrid Patch Cord

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	SYSTIMAX®
Product Type	Twisted pair patch cord
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	5e
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	1
Transmission Standards	IEEE 802.3bt Type 4
Wiring	110

Dimensions

Cable Assembly Length Range (m)	1 – 30
Cable Assembly Length Range (ft)	1 – 100
Diameter Over Jacket	3.56 mm 0.14 in
Compatible Conductor Gauge, stranded	24 AWG

Wiring Diagram

CPC8662

	Connector A	Connector B
Position 1	Lt. Blue	
Position 2	Blue	
Position 3		
Position 4		Blue
Position 5		Lt. Blue
Position 6		
Position 7		
Position 8		

Electrical Specifications

dc Resistance, maximum 0.3 ohm

Ordering Tree

CPC - ⁹ ¹⁰ ¹¹ ¹²

Outlet Color

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

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

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

Material Specifications

Contact Plating Material Precious metals

Material Type Copper alloy | Polycarbonate

CPC8662

Mechanical Specifications

Plug Insertion Life, minimum	200 times
Plug Retention Force, minimum	18 N 4.047 lbf

Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space	Non-plenum
Flammability Rating	UL 94 V-0
Safety Standard	ETL cETL

Packaging and Weights

Packaging quantity	1
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Regulatory Compliance/Certifications

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

Included Products

848202800 1074C DG 1/24 RVAR	-	GigaSPEED XL® 1074C Category 5e U/UTP Cable, non-plenum, dark gray jacket, 1 pair count, variable length, reel
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848202800 | 1074C DG 1/24 RVAR

GigaSPEED XL® 1074C Category 5e U/UTP Cable, non-plenum, dark gray jacket, 1 pair count, variable length, reel

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaSPEED XL®

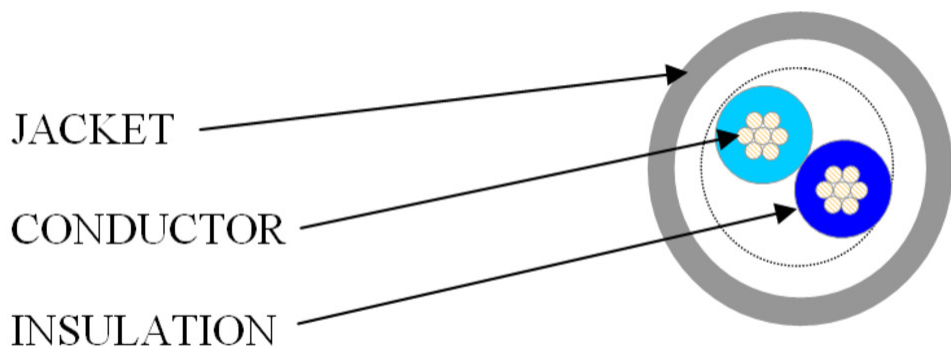
General Specifications

Product Number	1074C
ANSI/TIA Category	5e
Cable Component Type	Cordage
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Stranded
Conductors, quantity	2
Jacket Color	Dark gray
Pairs, quantity	1
Transmission Standards	ANSI/TIA-568.2-D CENELEC EN 50288-3-1 ISO/IEC 11801 Class D

Dimensions

Cable Length, special	Variable length
Diameter Over Jacket, nominal	3.556 mm 0.14 in
Jacket Thickness	0.686 mm 0.027 in
Conductor Gauge, singles	24 AWG

Cross Section Drawing



Electrical Specifications

dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m 2.859 ohms/100 ft
Dielectric Strength, minimum	1500 Vac 2500 Vdc
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	65 %
Operating Frequency, maximum	250 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
Safety Voltage Rating	300 V

Material Specifications

Conductor Material	Tinned copper
Insulation Material	Polyolefin
Jacket Material	PVC

Mechanical Specifications

Pulling Tension, maximum	2.722 kg 6 lb
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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)

848202800 | 1074C DG 1/24 RVAR

Environmental Space Non-plenum

Flame Test Method CM

Packaging and Weights

Cable weight 14.882 kg/km | 10 lb/kft

Packaging Type Reel

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

Designed, manufactured and/or distributed under this quality management system