## CPC6642-02 | DO NOT USE - THIS PRODUCT NOW EXISTS AS AN ITEM

PowerSUM D8PS Stranded Cordage Modular Patch Cord, Light Blue Jacket



### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Portfolio SYSTIMAX®

Product Type Twisted pair patch cord

Product Brand PowerSUM

Product Series CPC

## General Specifications

ANSI/TIA Category 5e

Cable TypeU/UTP (unshielded)

Conductor Type Stranded
Interface, Connector A RJ45 plug
Interface Feature, connector A Standard
Interface, Connector B RJ45 plug
Interface Feature, connector B Standard
Jacket Color Light blue

Pairs, quantity 4

Wiring T568B

#### **Dimensions**

Cable Assembly Length, minimum (ft) 1
Cable Assembly Length, maximum (ft) 100
Cable Assembly Length, minimum (m) 1
Cable Assembly Length, maximum (m) 30



## CPC6642-02 | DO NOT USE - THIS PRODUCT NOW EXISTS AS AN ITEM

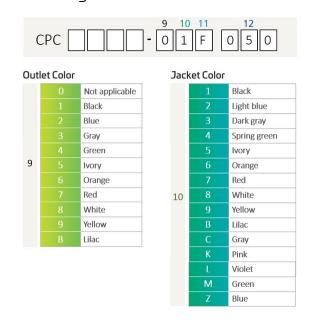
## Wiring Diagram

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

## **Electrical Specifications**

dc Resistance, maximum0.3 ohmSafety Voltage Rating300 V

## Ordering Tree



### UOM

11		Foot
	М	Meter
	N	Inch
	С	Centimeter

#### Length



#### 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

**COMMSCOPE®** 

# CPC6642-02 | DO NOT USE - THIS PRODUCT NOW EXISTS AS AN ITEM

Material Type Copper alloy | Polycarbonate

Mechanical Specifications

Plug Insertion Life, minimum 750 times

Plug Retention Force, minimum 133 N | 29.9 lbf

**Environmental Specifications** 

**Operating Temperature**  $-10 \,^{\circ}\text{C to } +60 \,^{\circ}\text{C (+14 °F to } +140 \,^{\circ}\text{F)}$ 

Environmental Space Non-plenum
Flammability Rating UL 94 V-0

Safety Standard Anatel | 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

848482253 – PowerSUM 1074D Category 5e U/UTP Cable, non-plenum, light blue jacket, 4 pair count, variable length, reel

