# 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 Type** | U/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 |

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## 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, maximum** | 0.3 ohm |
| **Safety Voltage Rating** | 300 V |

## Ordering Tree

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

**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

## Material Specifications

| | |
|---|---|
| **Contact Plating Material** | Precious metals |

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| | |
|---|---|
| **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 °C to +60 °C (+14 °F to +140 °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<br>1074D LB 4/24 RVAR | – | PowerSUM 1074D Category 5e U/UTP Cable, non-plenum, light blue jacket, 4 pair count, variable length, reel |

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