

**CPC6642-08 | D8PS-WH****PowerSUM D8PS Stranded Cordage Modular Patch Cord, White Jacket**

## Product Classification

|                       |   |
|-----------------------|---|
| Portfolio             | SYSTIMAX®   |
| Brand                 | PowerSUM  |
| Product Type          | Twisted pair patch cord   |
| Regional Availability | Asia   Australia/New Zealand   EMEA   Latin America   North America |

## Dimensions

|                      |               |
|----------------------|---------------|
| Cord Length, maximum | 30 m   100 ft |
| Cord Length, minimum | 1 m   1 ft    |

## Electrical Specifications

|                        |          |
|------------------------|----------|
| ANSI/TIA Category      | 5e       |
| dc Resistance, maximum | 0.30 ohm |
| Safety Voltage Rating  | 300 V    |

## Environmental Specifications

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

## General Specifications

|                                |                      |
|--------------------------------|----------------------|
| Cable Type                     | U/UTP (unshielded)   |
| Interface, connector A         | RJ45 plug            |
| Interface, connector B         | RJ45 plug            |
| Jacket Color                   | White                |
| Brand                          | PowerSUM   SYSTIMAX® |
| Interface Feature, connector A | Standard             |
| Interface Feature, connector B | Standard             |
| Package Quantity               | 1                    |
| Pairs, quantity                | 4                    |

## Mechanical Specifications

|                               |                              |
|-------------------------------|------------------------------|
| Conductor Type                | Stranded                     |
| Material Type                 | Copper alloy   Polycarbonate |
| Outlet/Module Contact Plating | Precious metals              |
| Plug Insertion Life, minimum  | 750 times                    |
| Plug Retention Force, minimum | 133 N   30 lbf               |
| Wiring                        | T568B                        |

## 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        |

## Regulatory Compliance/Certifications

**Agency**

RoHS 2011/65/EU  
ISO 9001:2008

**Classification**

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



## Included Products

860125541 | 1074D WH 4/24 RVAR (Product Component—not orderable) — PowerSUM 1074D Category 5e U/UTP Cable, non-plenum, white jacket, 4 pair count, variable length, reel