BPC6642

#### **Base Product**



## PowerSUM D8PS Stranded Cordage Modular Patch Cord (Pack of 10)

#### Product Classification

Regional Availability Portfolio

Product Type

**Product Brand** 

**Product Series** 

**Ordering Note** 

 SYSTIMAX®

 Twisted pair patch cord

 PowerSUM

 BPC

 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

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

### 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	Black   Blue   Dark gray   Light blue   Lilac   Orange   Red   Spring green   White   Yellow
Pairs, quantity	
· ·····,	4
Transmission Standards	4 IEEE 802.3bt Type 4

### Dimensions

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# BPC6642

Cable Assembly Length Range (m)	1 – 8
Cable Assembly Length Range (ft)	1 – 25
Cable Assembly Length Range (cm)	15 - 800
Cable Assembly Length Range (in)	6 – 300
Diameter Over Jacket	5.72 mm   0.225 in
Compatible Conductor Gauge, stranded	24 AWG

## 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

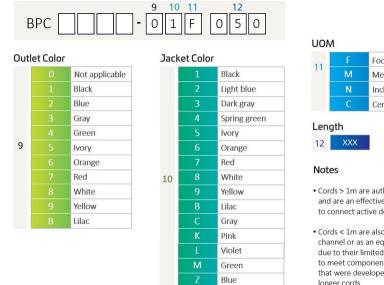
# Ordering Tree

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# BPC6642



# Foot Meter Inch Centimeter

• 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	
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** 

10

# Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

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<sup>•</sup> Cords > 1m are authorized for use in channels and are an effective standalone method used to connect active devices

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REACH-SVHC

ROHS

UK-ROHS

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Compliant Compliant

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