

PowerSUM D8PS Single End Stranded Cordage A-wired Modular Patch Cord, Orange 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	Unterminated
Interface Feature, connector B	Standard
Jacket Color	Orange
Pairs, quantity	4
Wiring	T568A

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

Wiring Diagram

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

## Electrical Specifications

dc Resistance, maximum	0.3 ohm
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<b>Safety Voltage Rating</b>	300 V
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## Ordering Tree

CPC     - <sup>9</sup>0 <sup>10</sup>1 <sup>11</sup>F <sup>12</sup>0

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

<b>Contact Plating Material</b>	Precious metals
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<b>Material Type</b>	Copper alloy	Polycarbonate
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### 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	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

848482329 1074D OR 4/24 RVAR	– PowerSUM 1074D Category 5e U/UTP Cable, non-plenum, orange jacket, 4 pair count, variable length, reel
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