



108232737 | MPS100E-246

PowerSUM MPS100E Category 5e U/UTP Information Outlet, ivory

Product Classification

| | |
|-----------------------|---|
| Portfolio | SYSTIMAX® |
| Brand | PowerSUM |
| Product Type | Modular jack |
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |

Dimensions

| | |
|--------|--------------------|
| Depth | 30.48 mm 1.20 in |
| Height | 20.32 mm 0.80 in |
| Width | 20.32 mm 0.80 in |

Electrical Specifications

| | |
|---|--------------------------------|
| ANSI/TIA Category | 5e |
| Contact Resistance Variation, maximum | 20 mOhm |
| Contact Resistance, maximum | 100 mOhm |
| Current Rating | 1.5 A @ 20 °C 1.5 A @ 68 °F |
| Dielectric Withstand Voltage, RMS, conductive surface | 1500 Vac @ 60 Hz |
| Dielectric Withstand Voltage, RMS, contact-to-contact | 1000 Vac @ 60 Hz |
| Insulation Resistance, minimum | 500 MOhm |

Environmental Specifications

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|-----------------------|--------------------------------------|
| Flammability Rating | UL 94 V-0 |
| Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
| Relative Humidity | Up to 95%, non-condensing |
| Safety Standard | cUL UL |
| Storage Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |

General Specifications

| | |
|------------------|----------------------|
| Cable Type | U/UTP (unshielded) |
| Color | Ivory |
| Brand | PowerSUM SYSTIMAX® |
| Package Quantity | 1 |

Mechanical Specifications

| | |
|------------------------|-----------------|
| Conductor Gauge, solid | 22 AWG 24 AWG |
|------------------------|-----------------|

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|----------------------------------|--|
| Conductor Gauge, stranded | 22 AWG 24 AWG |
| Conductor Type | Solid Stranded |
| Material Type | Copper alloy High-impact, flame retardant, thermoplastic |
| Outlet/Module Contact Plating | Precious metals |
| Plug Insertion Life, minimum | 750 times |
| Plug Insertion Life, test plug | IEC 60603-7 compliant plug |
| Plug Retention Force, minimum | 30 lbf 133 N |
| Rear Termination Contact Plating | Nickel |
| Rear Termination Type | IDC |
| Wiring | T568A T568B |

Regulatory Compliance/Certifications

| Agency | Classification |
|-----------------|--|
| RoHS 2011/65/EU | Compliant |
| ISO 9001:2008 | Designed, manufactured and/or distributed under this quality management system |

