

PatchMAX PowerSUM 48 Port Panel



Product Classification

Regional Availability

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

Portfolio

SYSTIMAX®

Product Type

RJ45 patch panel

Product Brand

PATCHMAX® | PowerSUM

General Specifications

ANSI/TIA Category

5e

Cable Type

Unshielded

Color

Black

Conductor Type

Solid | Stranded

Modules, quantity

8

Rack Type

EIA 19 in

Rack Units

3

Termination Type

IDC

Total Ports, quantity

48

Transmission Standards

ANSI/TIA-568.2-D | ISO/IEC 11801 Class E

Wiring

T568A | T568B

Dimensions

Height

134.37 mm | 5.29 in

Width

482.6 mm | 19 in

Depth

206.5 mm | 8.13 in

Compatible Diameter Over Dielectric, maximum

1.168 mm | 0.046 in

760205278 | PM-PS-48

Compatible Diameter Over Dielectric, minimum 0.762 mm | 0.03 in

Compatible Conductor Gauge, solid 22 AWG | 24 AWG

Compatible Conductor Gauge, stranded 22 AWG | 24 AWG

Electrical Specifications

Current Rating at Temperature 1.5 A @ 20 °C | 1.5 A @ 68 °F

Dielectric Withstand Voltage, RMS, conductive surface 1,500 Vac @ 60 Hz

Dielectric Withstand Voltage, RMS, contact-to-contact 1,000 Vac @ 60 Hz

Insulation Resistance, minimum 500 MOhm

Remote Powering Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A

Material Specifications

Contact Plating Material Precious metals

Material Type High-impact, flame retardant, thermoplastic | Powder-coated steel

Termination Contact Plating Nickel

Mechanical Specifications

Plug Insertion Life, minimum 750 times

Plug Insertion Life, test plug IEC 60603-7 compliant plug

Plug Retention Force, minimum 133 N | 29.9 lbf

Environmental Specifications

Operating Temperature -10 °C to +60 °C (+14 °F to +140 °F)

Storage Temperature -40 °C to +70 °C (-40 °F to +158 °F)

Relative Humidity Up to 95%, non-condensing

Flammability Rating UL 94 V-0

Safety Standard UL | cUL

Packaging and Weights

Packaging Material Eco-friendly, single-use plastics-free

Packaging quantity 1

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

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