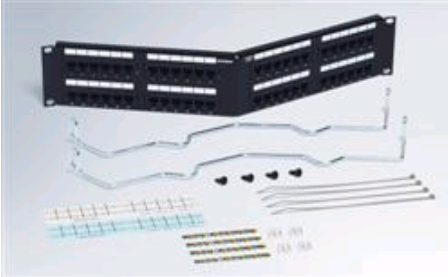# Product Brief

SYSTIMAX® GigaSPEED® X10D 1100GS5/1100AGS5 Patch Panel

SYSTIMAX® GigaSPEED X10D® Component

The SYSTIMAX® GigaSPEED® X10D 1100GS5 and 1100AGS5 panels are high quality patching systems for termianting or interconnecting voice, data, and video circuits to support high bandwidth hungry applications, including IEEE 10GBASET. The GigaSPEED X10D 1100GS5 and 1100AGS5 patch panels are easy to install and maintain and exceed the performance and transmission standards for mission-critical applications.

The 1100GS5 modular patch panel is a 19-inch rack or wall mountable 8-pin modular jack panel that accommodates repeated line moves, add and rearrangements. Installation is easy using proven 110 IDC gas tight terminations in the back with easy to read labeling guides.

The 1100AGS5 panel is angled to allow the cable to flow to each side of the rack. This enables the patch cords to be routed directly into vertical cable managers. It also allows the labeling scheme and port identification to be visible at all times. The 1100GS5 panel features and innovative termination mangaer and rear housing. The termination manager and rear housing provide for easier, faster, more reliable terminations and reduced variability in the placement and termination of cables to the panel.

- Available in 24- and 48-port configurations (angled and straight) featuring universal A/B labeling
- Backward compatible with Category 6, 5e, 5, and 3 cords and cables, however, optimal performance is achieved when used with GigaSPEED X10D GS10E cords
- Can support network line speeds in excess of 10Gb/s
- Certified Component of an intergrated GigaSPEED X10D 10G Solution
- Termination manager and IDC housing allows traditional cable termination to high performance panel
- Qualifies for the SYSTIMAX 20-Year Extended Warranty and Applications Assurance when included as part of a registered SYSTIMAX GigaSPEED X10D F/UTP channel
- Each panel comes ready to install, including front and rear labels

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Product Specifications

1100AGS5-48
Material ID: 760051185

GigaSPEED® X10D 1100GS5 Category 6A U/UTP Modular Patch Panel, 48 port angled

CHARACTERISTICS

Dimensions

Depth	138.43 mm | 5.45 in
Diameter Over Dielectric, maximum	1.168 mm | 0.046 in
Diameter Over Dielectric, minimum	0.762 mm | 0.030 in
Height	88.90 mm | 3.50 in
Width	482.60 mm | 19.00 in

Electrical Specifications

ANSI/TIA Category	6A
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

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	UL/cUL listed
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

General Specifications

Cable Type	U/UTP (unshielded)
Modules, quantity	8
Product Type	Panel
Total Ports, quantity	48
Color	Black
Package, quantity	1
Rack Type	EIA 19 in
Rack Units	2

Mechanical Specifications

Conductor Gauge, solid	22 AWG | 24 AWG

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Product Specifications

1100AGS5-48

Conductor Gauge, stranded	22 AWG | 24 AWG
Conductor Type	Solid | Stranded (7 strands)
Material Type	High-impact, flame retardant, thermoplastic | Powder-coated steel
Outlet/Module Contact Plating	Gold over nickel
Plug Insertion Life Test Plug	IEC 60603-7 compliant plug
Plug Insertion Life, minimum	750 times
Plug Retention Force, minimum	30 lbf | 133 N
Rear Termination Contact Plating	Gold over nickel
Rear Termination Type	IDC
Wiring	T568A | T568B

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant
ISO 9001:2000	Compliant

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