

SYSTIMAX® GigaSPEED® XL PATCHMAX® GS3 Patch Panel



Certified component of an integrated GigaSPEED XL Solution

SYSTIMAX® GigaSPEED® XL PATCHMAX® GS3 panel system provides excellent performance and helps unleash the power of a fully tuned and integrated GigaSPEED XL Solution, while maintaining all of the innovative features that have made the PATCHMAX System unique in the industry. Its unique modularity and patch cord management system continue to provide flexibility to MIS managers through the use of Distribution Modules (DM). These modules can be rotated forward, allowing front access to the newly-designed 110 Type IDC terminals for easy cable termination.

The PATCHMAX GS3 Distribution Modules features an innovative termination manager 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.

- Electrical Performance guaranteed to meet or exceed TIA/EIA 568B.2-1 Category 6 and ISO/IEC Category 6/Class E specifications
- Individual six-port distribution modules can be removed, snapped on the the front cord managment rings and pivoted forward for easy front access to the rear 110 type IDC termination field making installation easy
- Available in 24- and 48-port configurations for 19-inch frame mouting or it can mount on a wall with an optional 1100C1 adapter
- Designed for simplified administration with built-in cord and cable retainer rings, color coded labels and icons
- Attractive black powder covered high-strength steel panel comes equipped with a removable rear mounted cable management bar
- Front ports accept GS8E GigaSPEED XL Solution patch cord or any 8-pin compliant modular cord
- Each panel comes ready to install, including front and rear labels
- UL® Listed, UL-C Certified
- Can support network line speeds in excess of 1 Gb/s
- Backward compatible with Category 5e cords and cables. However, optimal performance is achieved when used with the GS8E GigaSPEED XL Solution patch cords
- Qualifies for the SYSTIMAX 20-Year Extended Warranty and Applications Assurance when included as part of a registered SYSTIMAX GigaSPEED X10D F/UTP channel



Product Specifications



PM-GS3-48 w/Termination Mgt.

Material ID: 760062364



GigaSPEED® XL PATCHMAX® GS3 Category 6 U/UTP Copper Patch Panel, 48 port with termination manager

CHARACTERISTICS

Dimensions

Depth	206.50 mm		8.13 in
Diameter Over Dielectric, maximum	1.168 mm		0.046 in
Diameter Over Dielectric, minimum	0.762 mm		0.030 in
Height	134.37 mm		5.29 in
Width	482.60 mm		19.00 in

Electrical Specifications

ANSI/TIA Category	6
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		26 AWG
------------------------	--------	--	--------	--	--------

Product Specifications



PM-GS3-48 w/Termination Mgt.

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

RoHS 2002/95/EC
ISO 9001:2000

Classification

Compliant
Compliant



SYSTIMAX®
SOLUTIONS
www.commscope.com

©2009 CommScope, Inc. All rights reserved.
All trademarks identified by ® or ™ are registered trademarks or trademarks, respectively, of CommScope.
All specifications are subject to change. See www.commscope.com for the most current information.

Page 3 of 3
6/9/2009