

SYSTIMAX® PATCHMAX® GS5 Patch Panel



SYSTIMAX® GigaSPEED® X10D U/UTP Component

The SYSTIMAX® PATCHMAX® GS5 panel systems provides 10G performance and helps unleash the power of the fully tuned and integrated GigaSPEED® X10D Solution, while maintaining all of the innovate features that have made the PATCHMAX System unique in the industry.

The PATCHMAX GS5 panel is a 19-inch rack mountable patch panel, designed to accept 4 or 8 six-port GS5 Distribution Modules (DM) which can be rotated forward, allowing front-access to the 110 type IDC terminals for easy cable termination. Buildin horizontal patch cord management braeackets provide support for patch cords as well as a holder for the DM modules during installation. The modular approach gives the customer total flexibility in configuring the PATCHMAX panel for GigaSPEED X10D and XL copper solutions and/or fiber solutins, since both GS5 and GS3 copper DMs and fiber GS3 DMs can fit into the same panel kit.

The PATCHMAX GS5 Distribution Modules feature an innovatie termination manager and rear housing. The termination manager and rear housing provide for easier, faster, more reliable terminations and reduced variability in the pacement and termination of cables to the 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
- UL® Listed (CM)
- Can support network line speeds in excess of 10Gb/s
- 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
- Termination manager and IDC housing allows traditional cable termination to high performance panel
- Available in 24 port (1U) and 48 port (2U) options
- Designed for simplified administration with built-in cord and cable retainer rings, color coded labels and icons



Product Specifications



PM-GS5-48

Material ID: 760060921

GigaSPEED® X10D PATCHMAX® GS5 Category 6A U/UTP Patch Panel, 48 port



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	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	3

Mechanical Specifications

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

Product Specifications



PM-GS5-48

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

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.