SYSTIMAX® GigaSPEED® XL PATCHMAX® GS3 Patch Panel

Designed by SYSTIMAX® Labs to provide reliable high-performance connectivity

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 acccess to the newly-designed 110 Type IDC terminals for easy cable termination.

The PATCHMAX GS3 Distribution Modules features an innovative termination manager and redesigned rear housing. The termination manager and new rear housing provide for easier, faster, more reliable terminations and reduced variability in the placement and termination of cables to the panel.

Features and Benefits

- Electrical performance guaranteed to meet or exceed TIA/EIA 568-B.2-1 Category 6 and ISO/IEC Category 6/ Class E specifications.
- Individual six-port distribution modules can be removed, snapped onto the front cord management 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 mounting or it can mount on a wall with an optional 1100C1 adapter.
- Attractive black powder covered high-strength steel panel accepts 6-port distribution modules featuring universal Type A/B labeling.
- Designed for simplified administration with built-in cord and cable retainer rings, color-coded labels and icons.
- Front ports accept the new 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 gigabit per second.
- Backward compatible with Category 5e cords and cables. However, optimal performance is achieved when used with GS8E GigaSPEED XL Solution patch cords.
- Certified component of an integrated GigaSPEED XL Solution.
- Qualifies for a 20-year product and applications assurance warranty when included as part of a certified SYSTIMAX GigaSPEED XL channel.

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Front view of a PM GS3-24 Patch Panel showing one module mounted for front termination
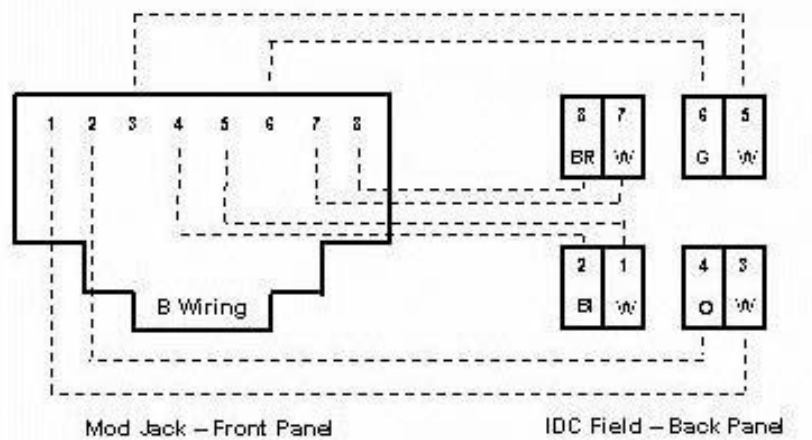

Physical Specifications

PM-GS3-24:	19.0 x 3.50 x 1.25 in (48.26 x 8.90 x 3.20 cm) - 2 Rack Unit Universal A/B labeling
PM-GS3-48:	19.0 x 5.25 x 1.25 in (48.26 x 13.34 x 3.20 cm) - 3 Rack Unit Universal A/B labeling
1100C1-35-19 Wall Adapter:	19.0 x 3.50 x 5.0 in (48.30 x 8.89 x 12.70 cm) 1100C1-70-19 Wall Adapter: 19.0 x 7.00 x 5.0 in (48.30 x 17.78 x 12.70 cm)
Operating Temperature Range:	14°F to 140°F (-10°C to 60°C) Storage Temperature Range: -40°F to 158°F (-40°C to 70°C)
Humidity:	95% (noncondensing)
Nominal Solid Conductor Diameter:	0.025 to 0.020 in (0.64 to 0.51 mm) (22 to 24 AWG)
Nominal Stranded Conductor Diameter:	0.025 to 0.020 in (0.64 to 0.51 mm (22 to 24 AWG)
Insulation Size:	0.042 in (1.08 mm) (22 to 24 AWG) Maximum DOD
Insulation Types:	All plastic insulates (including PVC, irradiated PVC, Polyethylene, Polypropylene, PTF Polyurethane, Nylon, and FEP
Modular Jack Insertions:	750 minimum insertions of an FCC 8-Position Telecommunications Plug
Front Panel:	Black powder painted steel.
Modular Panels:	High-impact, flame retardant, UL-rated 94V-0 thermoplastic
Contact Material and Plating:	Copper alloy, Gold flash over 50 micro-inch (1.3 micron) nickel underplate. Insulation displacement connectors accept solid or stranded wire

Ordering Information

Material ID	Description
760062356	24 Port PATCHMAX GS3 Panel with Term. Mgr.
760062364	48 Port PATCHMAX GS3 Panel with Term. Mgr.
760065763	PM GS3-DM

TIA568 "B" Wiring Scheme

**Rear view of a PM GS3-48 Patch Panel with one
module equipped with Termination Managers**

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