

# 110GS3 GigaSPEED® XL Modular Patch Panel



The 110GS3 Modular Patch Panel is a 19-inch rack or wall mountable 8-pin modular jack panel that accommodates repeated line moves, additions and rearrangements. Installation is easy using proven 110 IDC gas tight terminations in the back with easy to read labeling guides. Designed by SYSTIMAX Labs as part of the fully tuned and integrated GigaSPEED XL cabling solutions, the 110GS3 provides an industry standard panel footprint but with many performance and feature extras.

The SYSTIMAX 1100AGS3 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.

## Features and Benefits:

- Electrical performance guaranteed to meet or exceed TIA/EIA 568B.2-1 Category 6 and ISO/IEC Category 6/Class E specifications
- Vertical and horizontal cord organizers available to improve patch cord management
- Available in 24- and 48-port configurations featuring universal A/B labeling
- 110 connector terminations on rear of panel allow quick and easy installation of 22 to 24 AWG cable
- Attractive black powder covered high-strength steel panel comes equipped with a removable rear mounted cable management bar
- Can support network line speeds in excess of 1 Gbps.
- Each panel comes ready to install, including front and rear labels
- Backward compatible with Category 5e, 5 and 3 cords and cables, however optimal performance is achieved when used with GigaSPEED GS8E patch cords
- Certified component of an integrated GigaSPEED XL Solution
- Qualifies for a 20-Year Extended Product Warranty and Applications Assurance when included in a certified SYSTIMAX GigaSPEED channel

## Physical Specifications:

**Height:** 24-Ports: 1.74 in (4.38 cm)  
48-Ports: 3.50 in (8.83 cm)  
**Width:** 19 in (48.26 cm)  
**Depth:** 1.60 in (4.06 cm)  
**Plastic Material:** High-impact, flame retardant, thermoplastic  
**Flammability Rating:** UL-rated 94 V-0  
**Operating Temperature:** 14°F to 140°F (-10°C to 60°C)  
**Storage Temperature:** -40°F to 158°F (-40°C to 70°C)  
**Humidity:** 95% (non-condensing)  
**Contact Material & Plating:** Copper alloy, 100 micro-inch (2.54 microns) bright solder over 100 micro-inch (2.54 microns) nickel underplate. Insulation displacement connectors accept solid or stranded wire  
**Nominal Solid Conductor Diameter:** 0.016 in to 0.025 in (0.40 mm to 0.64 mm) (26 to 22 AWG)  
**Nominal Stranded Conductor Diameter:** 0.020 in to 0.025 in (0.51 mm to 0.64 mm) (24 to 22 AWG)  
**Insulation Size:** 0.030 in to 0.046 in (0.76 mm to 1.17 mm)

**Insulation Types:** All plastic insulates, including: PVC, irradiated PVC, Polyethylene, Polypropylene, PTFE, Polyurethane, Nylon, and FEP  
**Outlet Wires:** Copper alloy, 50 micro-inch (1.27 microns) hard gold plating over 100 micro-inch (2.54 microns) nickel underplate  
**Plug Retention Force:** 30 lbs (133 N) minimum between modular plug and jack  
**Plug Insertion Life:** 750 minimum insertions of an 8-position IEC 60603-7 compliant plug  
**Plug/Jack Contact Force:** 100 grams minimum per contact using FCC approved plug

## Electrical Specifications:

**Insulation Resistance:** 500 megaohms minimum  
**Current Rating:** 1.5 A at 68°F (20°C)  
**TIA/EIA Category:** 6  
**Dielectric Withstand Voltage:** 1,000 VAC RMS, 60 Hz minimum, contact-to-contact and 1,500 VAC RMS, 60 Hz minimum to exposed conductive surface  
**UL and cUL Listed**

Product Number	Wiring	Number of Ports	Material ID
1100GS3-24	Universal A/B	24xRJ45	700173750
1100GS3-48	Universal A/B	48xRJ45	700173768
1100AGS3-24-Angled	Universal A/B	24xRJ45	760026757
1100AGS3-48-Angled	Universal A/B	48xRJ45	760026765
1100 ICON Label Holder Kit	N/A	N/A	760001404

