



GigaSPEED X10D® MGS600 Series Information Outlet, white, 100 pack

- Electrical performance guaranteed to meet or exceed the channel specifications to ISO/IEC 11801 Class EA and ANSI/TIA-568-C.2 Category 6A
- Patented crossing of straddling pair contacts enables efficient alien crosstalk reduction in the channel
- Snaps into standard M-series faceplates, surface-mount boxes, consolidation point boxes and modular panels
- Mountable either at 90 degrees (straight) or 45 degrees (angled) in M-series faceplate
- Universal design and label supports both T568 A & B wiring
- IDC connector terminations on rear of base allow quick and easy installation of 22 to 24 AWG cable
- Support network line speeds up to at least 10 gigabits per second
- Low-profile rear protective strain relief cap, protects against contamination and secures the connection

Product Classification

| | |
|------------------------------|---|
| Portfolio | SYSTIMAX® |
| Brand | GigaSPEED X10D® |
| Product Type | Modular jack |
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |

Dimensions

| | |
|---------------|--------------------|
| Depth | 30.48 mm 1.20 in |
| Height | 20.32 mm 0.80 in |
| Width | 20.32 mm 0.80 in |

Electrical Specifications

| | |
|--|-------------------------------|
| ANSI/TIA Category | 6A |
| Contact Resistance Variation, maximum | 20 mOhm |
| Contact Resistance, maximum | 100 mOhm |
| Current Rating at Temperature | 1.5 A @ 20 °C 1.5 A @ 68 °F |
| Dielectric Withstand Voltage, RMS, conductive surface | 1,500 Vac @ 60 Hz |
| Dielectric Withstand Voltage, RMS, contact-to-contact | 1,000 Vac @ 60 Hz |
| Insulation Resistance, minimum | 500 MOhm |

Environmental Specifications

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|------------------------------|--------------------------------------|
| 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 | cUL UL |

Storage Temperature -40 °C to +70 °C (-40 °F to +158 °F)

General Specifications

Cable Type Unshielded
Color White
Package Quantity 100

Mechanical Specifications

Conductor Gauge, solid 22 AWG | 24 AWG
Conductor Gauge, stranded 22 AWG | 24 AWG
Conductor Type Solid | Stranded
Contact Plating Material Precious metals
Material Type Copper alloy | High-impact, flame retardant, thermoplastic
Plug Insertion Life, minimum 750 times
Plug Insertion Life, test plug IEC 60603-7 compliant plug
Plug Retention Force, minimum 30 lbf | 133 N
Termination Contact Plating Nickel
Termination Type IDC
Wiring T568A | T568B

Regulatory Compliance/Certifications

| Agency | Classification |
|-----------------|--|
| RoHS 2011/65/EU | Compliant |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |

