



## GigaSPEED X10D® MGS600 Series Information Outlet, orange

- 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

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

## Dimensions

<b>Depth</b>	30.48 mm   1.20 in
<b>Height</b>	20.32 mm   0.80 in
<b>Width</b>	20.32 mm   0.80 in

## Electrical Specifications

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

## Environmental Specifications

<b>Flammability Rating</b>	UL 94 V-0
<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Relative Humidity</b>	Up to 95%, non-condensing
<b>Safety Standard</b>	cUL   UL

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

## General Specifications

**Cable Type** Unshielded  
**Color** Orange  
**Package Quantity** 1

## 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

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

