



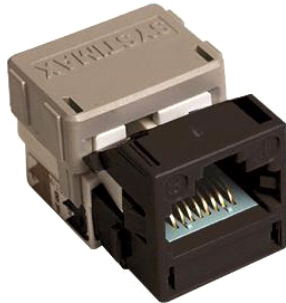
## SYSTIMAX® GigaSPEED® X10D MGS500 Information Outlet

Features patented crosstalk cancellation and compensation techniques

The SYSTIMAX® GigaSPEED® X10D MGS500 features patented crosstalk cancellation and compensation techniques. A unique opaque aqua-colored inner tab identifies the unparalleled compensation technology.

- Electrical performance guaranteed to meet or exceed the channel specifications of Amendment 1 to ISO/IEC 11801: 2002 Class EA and ANSI/TIA-568-C.2 Category 6A up to 500 MHz when used as part of a GigaSPEED X10D UTP Channel in registered SYSTIMAX installations.
- 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
- Optional Plastic Icons (M61A) and Dust Covers (M20A) available in several colors
- Optimal performance is achieved when using the GigaSPEED X10D GS10E patch cords; however, the MGS500 is fully backwards compatible
- Can support network line speeds up to at least 10 gigabits per second
- Qualifies for the SYSTIMAX 20-Year Extended Product Warranty and Applications Assurance when included as part of a registered SYSTIMAX GigaSPEED X10D channel.
- Snaps into standard SYSTIMAX M-Series faceplates, surface-mount boxes, consolidation point boxes, or SYSTIMAX modular panels. Can also be mounted either at 90 degrees (straight) or 45 degrees (angled) in any SYSTIMAX faceplate

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**SYSTIMAX®**

760023556 | MGS500-003

**GigaSPEED X10D® MGS500 Series Category 6A U/UTP Information Outlet, black****OBSOLETE****This product was discontinued on: December 1, 2011****Replaced By**760092361  
MGS600-003

GigaSPEED X10D® MGS600 Series Information Outlet, black

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

**General Specifications**

Cable Type	U/UTP (unshielded)
Color	Black
Brand	GigaSPEED X10D®   GigaSPEED Xpress®   SYSTIMAX®
Package Quantity	1
Product Type	Outlet

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## Mechanical Specifications

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

## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

