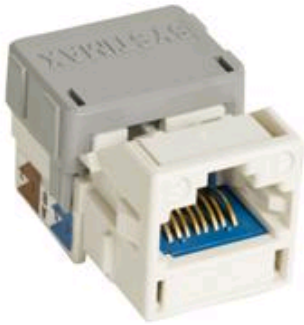


## SYSTIMAX 360™ GigaSPEED® X10D MGS600 Information Outlet



Part of the SYSTIMAX 360™ next generation solutions platform

The SYSTIMAX 360™ GigaSPEED X10D MGS600 Information Outlet is the latest result of many years of continuous product development at CommScope Labs. Just like previous MGS information outlets, the MGS600 snaps into standard CommScope M-Series faceplates, surface-mount boxes, and modular panels, but the new, patented compensation technology on the inside sets this outlet apart. Patented straddled pair cross-over techniques combined with new printed wiring board technologies, all tuned to SYSTIMAX 360 10G Cables and Cords bring our customers unsurpassed 10G channel performance with less restrictions than specified by industry standards.

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- Patented crossing of straddling pair contacts enables efficient alien crosstalk reduction in the 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
- 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 360GS10E patch cords; however, the MGS600 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.

# Product Specifications



MGS600-262

Material ID: 760092429

MGS600 Series GigaSPEED® X10D Information Outlet - White

## CHARACTERISTICS

### 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

Brand	GigaSPEED® X10D   SYSTIMAX®   SYSTIMAX 360™
Cable Type	U/UTP (unshielded)
Color	White
Product Type	Outlet
Package, quantity	1

### Mechanical Specifications

Conductor Gauge, solid	22 AWG   24 AWG   26 AWG
Conductor Gauge, stranded	22 AWG   24 AWG
Conductor Type	Solid   Stranded (7 strands)

**SYSTIMAX®**  
**SOLUTIONS**  
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# Product Specifications



MGS600-262 - Material ID: 760092429

Material Type	Copper alloy   High-impact, flame retardant, thermoplastic
Outlet/Module Contact Plating	Gold over nickel
Plug Insertion Life Test Plug	IEC 60603-7 compliant plug
Plug Insertion Life, minimum	750 times
Plug Retention Force, minimum	30 lbf   133 N
Rear Termination Contact Plating	Gold over nickel
Rear Termination Type	IDC
Wiring	T568A   T568B

## Regulatory Compliance/Certifications

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### Agency

RoHS 2002/95/EC  
ISO 9001:2000

### Classification

Compliant  
Compliant

