

SYSTIMAX® GigaSPEED® XL MGS400 Information Outlet



Designed by CommScope Labs to provide reliable high-performance connectivity

The SYSTIMAX® MGS400 Information Outlet is a high-speed LAN connector featuring patented Cross-talk cancellation techniques for superior near-end cross-talk (NEXT & PSNEXT) performance, when installed as part of a complete GigaSPEED XL channel. CommScope Labs was a pioneer in the development of the industry's first Category 5 outlet in the early 1990s, the first Category 5e outlet in 1996, and the first modular outlet certified to support Category 6 applications with the introduction of the GigaSPEED MGS200, MGS300 and the MGS400.

- Electrical performance guaranteed to meet or exceed TIA/EIA 568-B.2-1 Category 6 and ISO/IEC Category 6/Class E specifications
- 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
- Optional Plastic Icons (M61A) and Dust Covers (M20A) available in several colors
- Backward compatible with Category 5e, 5 and 3 cords and cables, however optimal performance achieved when used with GigaSPEED XL GS8E patch cords
- Can support network line speeds in excess of 1 gigabit per second
- Qualifies for a 20-year product and applications assurance warranty when included as part of a certified SYSTIMAX GigaSPEED XL channel



Product Specifications



MGS400-003

Material ID: 700206667

GigaSPEED® XL MGS400 Series Category 6 U/UTP Information Outlet , black



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	6
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	UL/cUL listed
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

General Specifications

Cable Type	U/UTP (unshielded)
Color	Black
Product Type	Outlet
Brand	GigaSPEED® XL SYSTIMAX®
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)
Material Type	Copper alloy High-impact, flame retardant, thermoplastic

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Product Specifications

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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

Agency

RoHS 2002/95/EC
ISO 9001:2000

Classification

Compliant
Compliant



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