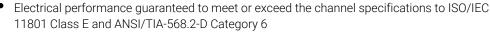
760250042 | ECO MGS400-BK-24









- 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
- Can support network line speeds in excess of 1 Gb/s
- Low-profile rear protective strain relief cap, protects against contamination and secures the connection
- Part of CommScope's initiative of removing single-use plastics which also includes copper panels, jacks, cords and faceplates

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin

America | North America

Portfolio SYSTIMAX®

Product Type Modular jack

Product Brand GigaSPEED XL®

Product Series MGS400

General Specifications

ANSI/TIA Category 6

Cable Type Unshielded

Color Black

Conductor Type Solid | Stranded

Integrated Dust Cover Type None

Mounting Note Color matches with M-series Black Faceplates and Surface

Mount Boxes

Termination Type IDC

Wiring T568A | T568B

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Dimensions

 Height
 19.4 mm | 0.764 in

 Width
 21.08 mm | 0.83 in

 Depth
 30.2 mm | 1.189 in

Compatible Conductor Gauge, solid 22-24 AWG | 21 AWG (for CommScope GigaREACH cable

only)

Compatible Conductor Gauge, stranded 22–24 AWG

Electrical Specifications

Contact Resistance Variation, maximum20 m0hmContact Resistance, maximum100 m0hm

Current Rating at Temperature 1.5 A @ 20 °C | 1.5 A @ 68 °F

Dielectric Withstand Voltage, RMS, conductive surface1,500 Vac @ 60 HzDielectric Withstand Voltage, RMS, contact-to-contact1,000 Vac @ 60 Hz

Insulation Resistance, minimum 500 MOhm

Remote Powering Fully supports the safe delivery of power over LAN cabling

described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC

60512-99-002

PoE Durability Supports IEEE 802.3bt Type 4 (90 W) applications greater than

3000 plug to jack mating cycles

Material Specifications

Contact Plating Material Precious metals

Material Type Copper alloy | High-impact, flame retardant, thermoplastic

Termination Contact Plating Nickel

Mechanical Specifications

Plug Retention Force, minimum 133 N | 29.9 lbf

Plug to Jack Mating Cycles Complies to IEC 60603-7 series

Environmental Specifications

Operating Temperature $-10 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (+14 $^{\circ}\text{F}$ to +140 $^{\circ}\text{F}$)Storage Temperature $-40 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-40 $^{\circ}\text{F}$ to +158 $^{\circ}\text{F}$)

Relative HumidityUp to 95%, non-condensing



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Flammability Rating UL 94 V-0
Safety Standard UL | cUL

Packaging and Weights

Packaging Material Eco-friendly, single-use plastics-free

Packaging quantity 24

Packaging Type Box | Carton

