



GigaSPEED X10D® HGS-Series Modular Jack, RJ45, Cat6A, Shielded, Silver

This product will be discontinued on: July 31, 2026

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	SYSTIMAX®
Product Type	Modular jack
Product Brand	GigaSPEED X10D®
Product Series	HGS620

General Specifications

ANSI/TIA Category	6A
Application	Adapts to M Series and Keystone
Cable Type	Shielded
Color	Silver
Conductor Type	Solid Stranded
Integrated Dust Cover Type	None
Termination Type	IDC
Transmission Standards	ANSI/TIA-568.2-D ISO/IEC 11801 Class EA
Wiring	T568A T568B

Dimensions

Height	19.56 mm 0.77 in
Width	17.02 mm 0.67 in
Depth	33.53 mm 1.32 in
Compatible Conductor Gauge, solid	22–24 AWG
Compatible Conductor Gauge, stranded	22–24 AWG

Electrical Specifications

Contact Resistance, maximum	20 mOhm
Current Rating at Temperature	1.5 A @ 20 °C 1.5 A @ 68 °F
Dielectric Withstand Voltage, RMS, conductive surface	1,500 Vac @ 60 Hz
Dielectric Withstand Voltage, RMS, contact-to-contact	1,000 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

Material Specifications

Contact Plating Material	Gold
Material Type	Copper alloy High-impact, flame retardant, thermoplastic Tin Zinc
Termination Contact Plating	Nickel

Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative Humidity	Up to 95%, non-condensing
Flammability Rating	UL 94 V-0

Safety StandardcULus

Packaging and Weights

Packaging quantity25

Packaging TypeBag

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



Included Products

760154187

MGS600S-A-MS-WH-25

- MGS600S M-Series Adapter, White (25 ea/pkg)