



6-569278-3 | MP-5EU-1

Available in: [Asia](#) | [Australia/New Zealand](#) | [EMEA](#) | [Latin America](#) | [North America](#)

Modular Plug Kit, category 5e, 8P/8C, unshielded, 4.8 – 5.6 mm max cable jack OD, 8-position, 100/bag

Specifications

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Specifications

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Modular plug

General Specifications

ANSI/TIA Category	5e
Cable Type	Round, unshielded
Conductor Type	Solid Stranded
Interface	RJ45
Positions/Loaded Contacts	8/8
Termination Type	IDC

Dimensions

Compatible Cable Diameter, maximum	5.6 mm 0.22 in
Compatible Cable Diameter, minimum	4.8 mm 0.189 in
Compatible Insulated Conductor Diameter, maximum	0.99 mm 0.039 in
Compatible Insulated Conductor Diameter, minimum	0.89 mm 0.035 in
Contact Plating Thickness	1.27 μ m
Compatible Conductor Gauge, solid	26–23 AWG
Compatible Conductor Gauge, stranded	26–23 AWG

Electrical Specifications

Current Rating, maximum	0.75 A
Insulation Resistance, minimum	500 mOhm
Safety Voltage Rating	150 Vac

Material Specifications

Contact Base Material	Phosphor bronze
Contact Plating Material	Gold
Material Type	Glass filled polycarbonate

Mechanical Specifications

Plug Insertion Life, minimum	750 times
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Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Relative Humidity	Up to 93%, non-condensing
Safety Standard	UL 1863


Packaging and Weights

Packaging quantity	100
Packaging Type	Bag Box Carton

Regulatory Compliance/Certifications


Agency	Classification
ROHS	Compliant
CHINA-ROHS 	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Product Support

 [Customer and Technical Support, Training, Software/Firmware, Repair Services](#)

Documentation & Downloads

Application Specification

 [114-6016 Standard and Small Conductor Modular Plug Connectors](#)


Customer Drawing

 [2843004 MOD PLUG MP-5ES/5EU Series](#)

Customer View Model

 [Customer View Model \(pdf\)](#)

Engineering Report

 [108-131013 Shielded and Unshielded Modular Plugs](#)

 [502-147003 MOD PLUG CONNECTORS for Stranded and Solid wires](#)


Product Compliance Documentation

 [Statement of Compliance RoHS/REACH](#)


Product Specification

 [6-569278-3 Product specifications](#)

Qualification Test Report

 [501-131013 Shielded and Unshielded Modular Plugs](#)

Warranty

 [CommScope Extended System Warranty](#)

 [CommScope Limited Product Warranty](#)

Related Products and Accessories

Related Products

Connectors

RJ45 Plugs & Accessories **Accessories (2)**



Structural Support, Tools & Accessories

Structural Support, Tools & Accessories **Modular Jack & Plug Tools (2)**



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