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6-554710-3 | MP-66U-R-1

Available in: Asia | Australia/New Zealand | EMEA | Latin America | No

Modular Plug, 6P/6C, unshielded, standard body, round, 4.6 mm cable jack OD, 6-position, category 3, 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	3
Cable Type	Round, unshielded
Conductor Type	Solid | Stranded
Interface	RJ12
Positions/Loaded Contacts	6/6
Termination Type	IDC

Dimensions

Compatible Cable Diameter, maximum	4.6 mm | 0.181 in
Compatible Insulated Conductor Diameter, maximum	0.99 mm | 0.039 in
Compatible Insulated Conductor Diameter, minimum	0.86 mm | 0.034 in
Contact Plating Thickness	1.27 µm
Compatible Conductor Gauge, solid	26–24 AWG
Compatible Conductor Gauge, stranded	26–24 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

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

📄 114-6053 High-Performance Modular Plug Connectors

Customer Drawing

📄 2843026 MOD PLUG MP-66U Series

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

📄 6-554710-3 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

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

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