



Modular Plug Kit, 8P/8C, shielded, round, 5.1 mm max cable jack OD, 8-position, category 5, 100/bag

Product Classification

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

General Specifications

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

Dimensions

Compatible Cable Diameter, maximum	5.08 mm 0.2 in
Compatible Cable Diameter, minimum	4.83 mm 0.19 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

6-569530-3 | MP-88S-R-1

Safety Voltage Rating 150 Vac

Material Specifications

Contact Base Material Phosphor bronze
Contact Plating Material Gold
Material Type Glass filled polycarbonate
Plug Shield Base Material Copper alloy
Plug Shield Plating Material Nickel

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
Flammability Rating UL 94 V-0
Safety Standard UL 1863

Packaging and Weights

Packaging quantity 100
Packaging Type Bag | Box | Carton

Regulatory Compliance/Certifications

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

