



Field Term Modular Plug, RJ45, Cat6 (25 ea/pkg)

Product Classification

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

General Specifications

ANSI/TIA Category	6
Cable Type	Unshielded
Color	Clear
Conductor Type	Solid
Interface	RJ45
Positions/Loaded Contacts	8
Termination Type	IDC

Dimensions

Compatible Cable Diameter, maximum	6 mm 0.236 in
Compatible Cable Diameter, minimum	5.3 mm 0.209 in
Compatible Insulated Conductor Diameter, maximum	1.03 mm 0.041 in
Compatible Insulated Conductor Diameter, minimum	0.84 mm 0.033 in
Contact Plating Thickness	1.27 µm
Compatible Conductor Gauge, solid	23 AWG

Electrical Specifications

Safety Voltage Rating	1000 Vac
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Material Specifications

Contact Base Material	Copper alloy
Contact Plating Material	Gold over nickel
Material Type	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 114344

Packaging and Weights

Packaging quantity	25
Packaging Type	Clam shell

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
UK-ROHS	Compliant

