

Modular Plug, 6P/6C, unshielded, long body, flat oval, 2.79 x 6.85 mm cable jack OD, category 3, 500/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	3
Cable Type	Flat oval, unshielded
Conductor Type	Solid   Stranded
Interface	RJ12
Positions/Loaded Contacts	6/6
Termination Type	IDC
Dimensions	
Compatible Cable Diameter, maximum	6.85 mm   0.27 in
Compatible Cable Diameter, minimum	2.79 mm   0.11 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

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## 6-555176-2 | MP-66U-LF-5

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	500
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
UK-ROHS	Compliant



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