

Picatinny CLIK Interconnect Ecosystem for UAS Payload and Platform Integration

SERIES 801 MIGHTY MOUSE CLIK-Compliant Connectors and Cables



For advanced UAS payload and platform integration



Turnkey cable jumpers supplied in straight, 45°, 90°, and low-profile 90° configurations for ease of attachment and routing

SERIES 801 MIGHTY MOUSE DOUBLE-START STUB ACME CONNECTORS



Specifications for CLIK 9-19 insert arrangement with size #23 contacts	
Current Rating	5 Amps
Dielectric Withstanding Voltage	750 VAC
Insulation Resistance	5000 megohms minimum
Operating Temperature	-65° C to +175° C
Shock	300 G
Random Vibration	37 G rms
Shielding Effectiveness	40 dB at 1000 MHz
Durability	2000 mating cycles

Materials and Finishes	
Shells, Jam-Nuts	Plated Aluminum alloy or SST
Contacts	Copper alloy, 50 µin gold plated
Insulators	High-Grade Rigid Dielectric
Contact Retention Clip	Beryllium copper alloy
Interfacial Seal, O-rings, Wire Sealing Grommet	Fluorosilicone rubber

SERIES 801 SIGNATURE CONNECTOR ACCESSORIES AND PROTECTIVE COVERS



APPLICATION NOTES

- Single- and double-ended jumper assemblies wired in accordance with Picatinny CLIK pinout assignments
- Platform and payload crimp receptacles supplied with loose pin contacts
- Dummy Contact Sealing Plugs ordered separately for use in unused cavities
- All connectors keyed to "A" position polarization IAW CLIK design standard
- Consult factory for high-speed STP cabling

The Picatinny CLIK Interconnect Ecosystem

Micro miniature Series 801 interconnect solutions, with signature performance enhancements, for plug-and-play UAS payload and platform integration

As the U.S. Army advances the standardized Picatinny CLIK architecture for modular unmanned systems payload integration, ruggedized interconnect hardware has become a critical enabling technology. Glenair Series 801 Mighty Mouse connectors, cable assemblies, backshells, and accessory components are optimized for compact SWaP-sensitive drone and payload applications, delivering high-density power and signal capability in a small form-factor, environmentally sealed package. Selected as an approved connector interface within the Picatinny CLIK design standard, Glenair Series 801 interconnects in the small form-factor 9-19 arrangement support reliable power distribution, Ethernet, serial data bus comms, and safety interlock functions for current and next-generation UAS payloads.

- Glenair Mighty Mouse Series 801: the original and most popular double-start stub ACME micro miniature circular
- Fully-compliant and approved to the Picatinny CLIK design standard
- Environmental, lightweight hermetic, and EMI/RFI filter variants
- Signature Glenair design enhancements deliver higher power, lighter weight, and life-of-system durability