

μCom-10Gb+ SERIES

Miniature, high-speed rugged connector series. Exceeds Cat6A and Cat7 performance operating speeds and IP68 when mated.



μCom Series is a new range of connectors designed to address the latest trends of the industry: miniaturization and high speed, with the highest resistance for use in the harshest environments. This is our fastest connector series and exceeds Cat6A and Cat7 performance operating speeds of 10 Gb/s and greater. High speeds are due to 4 insulated wire pairs that are isolated from each other throughout the connector. μCom is very small in size and has a max diameter of 15mm. IP68 mated.

Features:

- 10Gb+: exceeds 10Gb/s ethernet following IEEE 802.3an-2006: 10GBase-T
- Cat.6A connector according to TIA568C.2 and ISO/IEC11801 standard
- 15mm max external diameter Cat6A connector
- Environmental testing based on MIL-DTL-38999 Series III military spec (Thread version)
- Environmental testing based on MIL-DTL-26482 military specifications (Push Pull version)
- Available in 38999 Series III, Shell size 11

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NETT WARRIOR CABLE ASSEMBLIES

Cord sets intermateable with Nett Warrior Push-Pull Connectors.



Off the shelf solutions on common charging interfaces used for the Nett Warrior. Offering a diverse selection of charging capabilities that gives the opportunity to choose from USB2.0 Type A, Type C, Micro-B, and a pigtail to attach any interface that meets customer needs.

Features:

- Military audio/data
- Overmolded assemblies
- Nett Warrior cord Sets

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SOLDIER WORN SOLUTIONS

CONNECTORS AND CORDSETS FOR SOLDIER COMMUNICATIONS



Stingray - 7



Gladiator



Molliflex



μCom-10Gb+ Series

STINGRAY - 7

Magnetic - mating system allowing connector to be mated without the need for pre-alignment



Stingray - 7 series offers compact, low profile, metal shelled connectors that withstand exposure to moisture, dust, dirt and chemicals typically encountered by First Responders, Security and Military personnel.

Designed to meet the requirements of DEF-STAN 23-012, the magnetic, non-keyed coupling system has no moving parts and allows the connector to be easily mated without the need for pre-alignment and eliminates the need to operate any mechanical coupling mechanisms.

The magnetic technology allows the connector to quickly disconnect making it ideal for connection between non-tethered equipment, such as helmet to torso, and therefore protects users from potential injury due to cable snagging. MOLLE and wall mount modular accessories allow for mounting of either gender to MOLLE loops or equipment.

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GLADIATOR

Magnetic - flat connector for fast, no-look mating



Gladiator is a small, lightweight, flat connector designed for soldier worn applications. Soldier worn applications include data sharing, battery charging, and peripheral connectivity. Plugs and receptacles fit through MOLLE pack straps. Receptacles are designed for panel mounting, clipped into MOLLE, or sewn into place.

Features:

- Magnetic mating orients and aligns connectors for fast, no-look mating
- Factory adjustable engage/disengage forces to meet customer specific requirements
- Spring pins (spring probes) maintain contact through shock and vibration.
- Fluorosilicone gasket interfacial seal that seals individual contacts and the plug to receptacle.
- May be supplied cabled (flat or round) or sel terminated.
- Power and Ground Pogo pins designed for 5A continuous current
- Supports USB2.0 Data, with 90 Ω impedance
- First mate, last break, pogo contact available for ground contacts

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MOLLIFLEX

Flat and foldable power and data cable for soldier systems



It's the first cable that is flat and foldable, and can fix to any MOLLE vest with its clever flexible teeth. No more loose cables to snag and tangle up, and you can even fit pouches over it. With its, up to, 60% weight saving over standard cables, molliflex® is the ultimate durable and lightweight solution for bodyworn applications.

Features:

- Design and build custom "smart vest"
- Lighter and more flexible than regular cable
- Connect batteries, radios, GPS, computers and more
- Data speeds up to USB2 and power up to 5 amps.
- Stays tight against vest and out of the way
- Watertight and dust-proof (IP68)
- Easy pull-lanyards, the Ejector™ QD tool or the Hardpoint™ attachment plate make it easy if using the system with gloves, routing across a vest buckle or needing a fixed socket for attaching to a helmet or rangefinder
- Folds completely flat, and bends more than 2 million times without breaking

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