

SOLARIS

Small, lightweight, sealed, highly reliable and easy to use rectangular connectors.



Small, lightweight, sealed, cost-effective, highly reliable and easy to use rectangular connectors. Solaris connectors support signal level to medium power (23A) applications with scoop-proof contacts. Solaris' spring-loaded slide lock mechanism is a snap to use – simply push to lock and slide to unlock. Reverse gender capability – Allows live power connector to be either plug or receptacle. RoHS and REACH compliant.

Features:

- Low profile rectangular form factor
- Easy-to-use slide latch, FOD free, tool-less mating
- IP67 performance
- Polyetherimide housings for high temperature and chemical resistance
- Integral boot ridge: for tying off protective sheathing and braids w/o adding backshells or saddle clamps
- Plugs and receptacles configured with pins or sockets, allowing live power connector to be plug or receptacle, depending on application requirements

LEARN MORE



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

LEARN MORE



USB3CFTV

NEW compact, rugged USB3.0 waterproof connector with Type C interface.



USB3CFTV a new rugged USB3.0 connector with Type C interface. Highly customizable, fully reversible connector with various data transmission and power delivery capabilities in a size 11 38999 shell. Based on MIL-DTL-38999 series III, plugs and receptacles are mated with a Tri-Start thread coupling mechanism. This solution strengthens and protects devices against fluids, dust, shocks, and disconnection due to vibration.

Features:

- Thread coupling, MIL-DTL-38999 series III type
- Shell size 11
- Shock, vibration, and traction resistance
- No tools are required for cabling adaptation
- EMI protection: Shielding continuity
- Mating plug/receptacle cycles: 500 at least

Specifications:

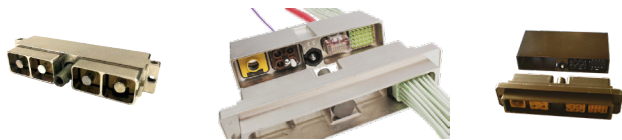
- Combines 10Gb/s data speeds, medium power, and video display
- Fully reversible
- Smaller footprint – shell size 11 D38999

LEARN MORE



SIM MULTIBAY

2 Bay/4 Bay SIM/EN4165 plugs and receptacles, designed with weight and space savings in mind.



The SIM is a Modular, Rectangular, Multicontact, and Multifunctional connector. Available in metallic or composite versions, shielded or unshielded, and qualified according to the EN 4165 spec. It consists of standard or flanged mount receptacles that can be assembled side by side on a panel, standard or rack and panel plugs with easily removable click-in modules.

Two shell types are available: 2 modules and 4 modules. There are two mating types: clicker nut and rack panel plug. When mating the plug to the receptacle, polarization is mechanically ensured by an asymmetrical mounting screw. The coupling screw includes a polarizing system with 6 versions of hexagonal nuts and keys, providing 36 keying combinations. The shielded versions (SIM 2D and SIM 2B) provide a shielding effectiveness of 50 dB at 100 MHz and 30 dB at 1 GHz. A broad range of rear accessories (covers and cable clamp) complete the connectors. The SIM connector is fully intermatable with connectors complying with standards MBBN 3330 and EN4165.



SPACE MARKET SOLUTIONS

CONNECTORS FOR SPACE APPLICATIONS



Solaris

μCom-10Gb+ SERIES

USB3CFTV

SIM Multibay

LEARN MORE

