

USB-C For Harsh Environment

Unlocking Next-Generation Connectivity: Upgrading from USB-A to USB-C

In today's dynamic technological landscape, reliability, adaptability, and flexibility are paramount in ensuring seamless operations, especially in harsh environments. USB-C, the industry's latest standard, embodies these qualities with its compact design, high-speed data transmission when converting from USB-A(5gb/s) to USB-C(10gb/s), video display support, and reversible orientation. When housed within our 38999 Series III shells, these connectors elevate performance to new heights, providing a robust solution for challenging conditions.



Why USB-C?

Reliability

USB Type C connectors integrated into the IP68-rated 38999 Series III shells offer unmatched protection against harsh elements like fluids and dust, ensuring continuous functionality demanding conditions. With added EMI protection, signal integrity remains intact amid electromagnetic interference, guaranteeing consistent performance.

Adaptability

Field termination capabilities within rugged shells simplify installation, eliminating the need for tools and enhancing adaptability. Users can seamlessly integrate USB Type C connections into any systems regardless of environmental constraints or technical complexities, for swift deployment across various applications.

Flexibility

USB Type C's versatility extend beyond its physical attributes, offering over 80 configuration combinations to meet diverse needs. This flexibility allows users to consolidate multiple signals into one connector, optimizing space usage and simplifying design and ordering process for enhanced efficiency.

Markets & Applications

- C5ISR, Battlefield Communications
- Ground Vehicles
- Naval
- Displays, Consoles, Visions Systems, Situation Awareness

Learn more and watch the
assembly video [HERE](#)