

**HARDENED CONNECTORS  
FOR HARSH ENVIRONMENTS**



# HEC-DC Solutions

## HEC-DC Connector

US Conec's HEC-DC connector is a new, small form factor, hardened connector designed for termination of singlemode and multi-mode round and flat drop cables. The connector is available in SC, duplex LC, and MTP® versions and employs a simple, yet secure DirectConec™ push-pull boot design. This, combined with built-in blind mating features, makes the HEC the easiest hardened connector to install and remove in congested closures and challenging environments.

### Features:

- Simple push and click installation with no tools required
- Connector removal is a simple 40° twist of the boot and pull
- Blind mating features protect ferrule from damage and contamination during installation and removal
- Novel mating technology and 19mm housing allow for tight connector spacing
- MTP® connector version utilizes proven 12F MT Elite® ferrules and are compatible with traditional MPO connectors
- LC connector version mates with industry standard duplex LC connectors
- UPC and APC SC versions available
- All versions compliant with GR-3120 and GR-3152 as well as IEC 61753-1 OP+ Category A, G, S
- Supports 4.0mm to 6.5mm round cables and flat drop
- Withstands 100lbf/450N pull force



## HEC-DC Adapter Options

US Conec offers both bulkhead and inline adapters for the HEC-DC connector line. Bulkhead adapters allow the HEC-DC to be mated with traditional SC, duplex LC, and MPO connectors. Inline adapters allow HEC-DCs to be mated in series.



HEC Bulkhead Adapter, SC



HEC Bulkhead Adapter, LC



HEC Bulkhead Adapter, MTP®



HEC Inline Adapter, SC



HEC Inline Adapter, LC



HEC Inline Adapter, MTP®

## HEC-DC Cable Compatibility

The HEC-DC supports a wide range of cable types, including round cables with 4.0mm – 6.5mm O.D. and a variety of flat drop cables.



## HEC-DC Accessories

US Conec partners with industry leading vendors to develop the components and equipment necessary to enhance the installer and end user experience.



- IBC™ Brand cleaning tools
- Polishing equipment
- Test and inspection equipment
- Interferometry
- Aggregation solutions

# HEC-DC Solutions

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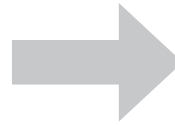
## HEC-DC Enables Smaller Solutions

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Harsh environment applications are demanding more compact solutions. US Conec's HEC-DC connectors enable the reduction in the size of wallboxes, enclosures and terminals by up to fifty percent, without reducing:

- Strength
- Ease-of-use
- Reliability
- Optical Performance

*Legacy HFOC*



*HEC-DC*



## HEC-DC Closures

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Ask your US Conec Sales representative about closures that are pre-engineered for the HEC-DC connector line.

