



Deployable InOne

FieldLink-InOne with hybrid power-and-fiber for wireless networks.

Features

- Both power and fiber optic
- Deployable MIL-TAC hybrid cable
- Expanded beam hybrid connectors
- Lightweight cable reel system

Application

FieldLink Hybrid is used to connect both power and fiber to wireless network infrastructure, security and surveillance systems, field tactical communication links, and much more. With our hybrid cable assemblies, you can save time and reduce material costs for temporary connections in demanding environments.

Areas of use:

- 5G Networks
- C-UAS (Counter Unmanned Aircraft Systems)
- Ground Based Air Defence Systems
- Mobile Tactical Shelters
- Military Radio Links
- Tactical Deployable Communication
- Temporary Access Points

Design

Expanded beam hybrid connectors with optical fiber (lenses) and copper pins are ideal for use in harsh environments where optical interfaces can easily become contaminated and potentially compromise system performance. The connector housing is available in Senior or MIL-DTL-38999 design, the insert is available in various lens/pin configurations.

Hexatronic MIL-TAC (Military Tactical) hybrid cables are designed for outdoor use and can withstand temporary deployment directly on the ground in all terrains, including harsh environments with a high risk of crush and pull. Our MIL-TAC hybrid cables are extremely strong, have a high flexibility and are designed with a compact and round cable design for easy use/transport.

Instead of traditional metal reels/drums, Hexatronic chooses to use FieldReels made of an Impact Absorbing Polymer, which gives the reels extreme durability and strength while providing the advantages of low weight. FieldReels eliminates rust that occurs in outdoor environments and are designed with interlocking stacking and integrated storage of the connectors.

Product Information

The Hexatronic FieldLink Hybrid solution is part of the Deployable InOne series, which is our mobile deployable powered/fiber system for tactical communications in security and defense applications.

Contact us for ordering information and technical support.