



TFOCA-II® is the second-generation Tactical Fiber Optic Cable Assembly (TFOCA) connector. It possesses all the functional/performance attributes of the original TFOCA. Enhancements include 4-channel configuration and the use of commercially available 2.5mm zirconia ceramic ferrules. The TFOCA-II® connector can use an optional mounted polishing puck, which allows the connector termini to be re-polished without disassembling the connector.

Single mode TFOCA-II® connectors are ideal for today's high bandwidth and broadband applications based upon exclusive angle polish at six degrees. This guarantees low back reflection (<-50dB) through thousands of mates/de-mates and even when the connectors are unmated.

TFOCA-II® is a registered trademark of **Fiber Systems International**.

Features and Benefits

- Designed and patented by **Fiber Systems International**
- Hermaphroditic design for versatility
- Field repairable using existing parts
- Hermaphroditic dust cap for greatest protection
- Zn-Ni plating more environmentally friendly and more durable, salt spray corrosion resistant.
- 12-channel connector design.
- Precision ceramic termini for both singlemode and multimode
- Re-polish without disassembling the connector
- Solid core alignment sleeve technology
- Precision ceramic termini
- Angle polish capable for single mode
- 4 and 12 channel configurations.
- Plated using conductive electrolytic zinc-nickel alloy
- TFOCA-II® is perfect for temporary deployment of fiber optic cable in construction zones or for temporary repairs. When cable assemblies are manufactured with TFOCA-II® connectors and tactical cable, they are impervious to weather and even vehicles running over them on dirt or asphalt.

Applications

- US Army, Navy and Marine Corp military tactical deployments
- Oil, gas and geoscience industries
- Industrial
- Broadcast

Options

- Plug
- Front jam nut receptacle
- Flange mount receptacle
- External jam nut SRR
- Loopback
- Stainless steel (303, 304, 316 and 316L) plug and/or jam nut receptacle available
- EPDM seals for nuclear, biological and chemical (NBC) environments

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