



Applications:

- Connects TFOCA and TFOCA-II® Plug Assemblies and Receptacles
- Field Testing
- Troubleshooting
- Channel Integrity Testing



TF2 4 and 12 channel loop back plugs

Overview

OCC's TFOCA adapters and loop back connectors are the ideal solution for fiber optic connections requiring one series of connector to be attached to another. Our T1 to T2 enclosed adapters easily transition from one connector to another with complete protection for the optical fibers without cutting, rolling or storing additional cable.

Instead of requiring a custom cable assembly with connector A and B on opposite ends, OCC's adapters allow for a multitude of connections with standardized cables. Our full range of connector and adapter accessories complement TFOCA-II®, COTS M83526 and MIL-C-83526 (TFOCA) connectors.

- **Loop Back Test Plugs:** Our Loop Back Plugs are compatible with TFOCA 2CH (50/125µm), TFOCA-II 4CH and 12CH, multimode (62.5/125µm) and single-mode (9/125µm) applications. These Loop Back Plugs ensure consistent insertion loss per channel to yield accurate attenuation measurements.
- **ST Breakout Test Plugs:** OCC offers a 4CH ST to Breakout Plug adapter for field testing of TFOCA-II plugs and COTS M83526 assemblies, without the use of receptacles. The ST to Breakout Plug adapters are available in multimode (62.5/125µm) and single-mode (9/125µm) options.
- **TFOCA to TFOCA-II Adapters:** OCC's TFOCA to TFOCA-II (TF1–TF2) adapters are an ideal solution to convert TFOCA to TFOCA-II connections, or vice versa. Options for pairing S1/P1 with TFOCA male/female or pairing S2/P2 to TFOCA male/female, respectively, are available and utilize 62.5/125µm to 50/125µm fiber coupling capability to ensure the lowest attenuation possible. TF1–TF2 adapters easily transition from one connector to another and are available in both straight and 45° versions.

Features and Benefits

- Allows use of standardized deployment cables with different equipment configurations, from legacy to today's latest technologies
- Totally enclosed and protected fibers, no cables to cut or crush
- Lanyard dust covers on both ends (as required) — protects end faces in storage
- Any combination of pin-outs from A to B. Fiber counts based on requirements
- Internal fiber loop-backs available to allow test circuits
- Compact size saves space for storage and shipment costs
- No cables to coil up and store
- Can easily be enclosed within most equipment transit cases

TFOCA II is a registered trademark of Amphenol Fiber Systems International.

 (6.6e) COTS-83526 Adapters and Loopbacks

Ordering Information

OCC offers a variety of configurations for Loop-Back connectors and TFOCA adapters. Contact OCC for ordering information on all the different options available. Call 1-800-622-7711 and ask for a Sales Representative. We're ready to assist you.



4 Channel TFOCA to discrete MIL-ST



TF1 to TF2 Adapter, Straight (C83526/99-16 Series)



TF1 to TF2 45 Degree Adapter (C83526/99-15 Series)



4 Channel TFOCA to EZ-MATE adapter.