

Part # FF-BFCOUP-I



Applications: Replacing damaged fiber segments; combining two different fiber lengths; bulkhead or patch panel connections

For use with plastic optical fiber cable with 1 mm core/cladding and a 2.2 mm OD jacket. Utilizes a collet/cinch design for holding the fiber cable. To maximize optical transmission through connection, a 3.5 mm length of each fiber cable's jacket must be stripped prior to installation.

FIBER CABLE

- ◆ Operating Temperature Range: -55° to 100°C
- ◆ Light-Tight Housing Provides Interference-Free Transmission
- ◆ Precision Molded 1000 μm Optical Core/Core Sleeve
- ◆ Non-Permanent Connection
- ◆ Mates with All Standard 1000 μm Core, 2.2 mm Jacketed POF
- ◆ No Internal Optics or Design Required
- ◆ Cinch Nuts Retained on Connector by Snap Fit
- ◆ Double “D” Anti-Rotate Feature
- ◆ Economically Priced
- ◆ Other Fiber Core/Jacket Diameter Options Available As Special Order

INSTRUCTIONS

1. Cut off the end of the first optical fiber cable with a single-edge razor blade or sharp knife. Try to obtain a precise 90-degree angle (square).
2. Use a stripping tool to remove 3.5 to 4 mm (1/8 to 3/16 inches) of jacket from the end of the fiber.
3. (Optional) Dip the end of the fiber into index-matching gel.
4. Insert the fiber cable through the cinch nut and into the connector until the jacket seats.
5. Screw the cinch nut down to a snug fit, securing the fiber into place.
6. Repeat for second fiber cable.

