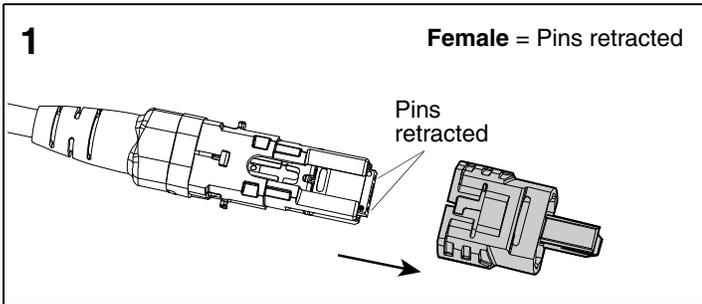
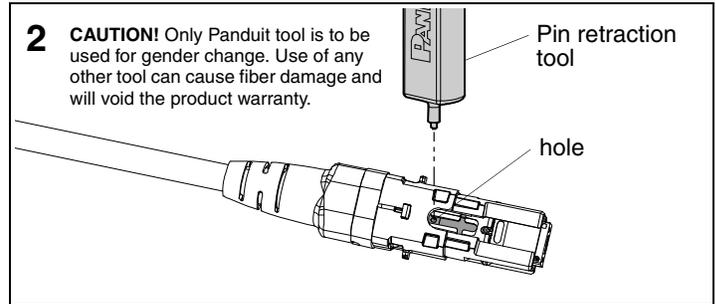


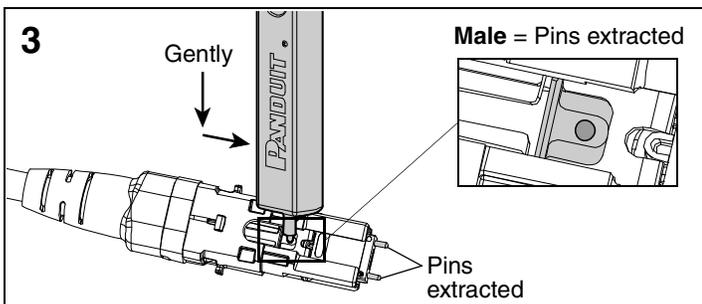
Gender Changeover



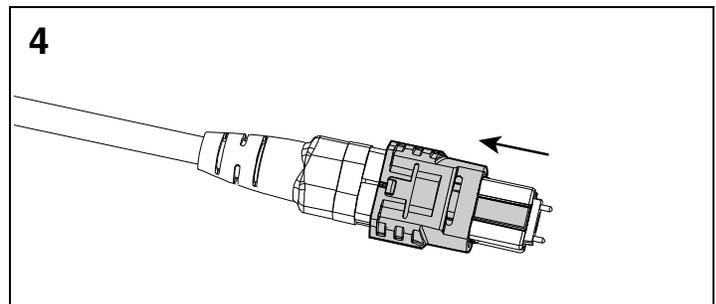
Remove outer housing per polarity changeover instructions.



Locate hole in the inner housing on the slotted side and position pin retraction tool over the hole.

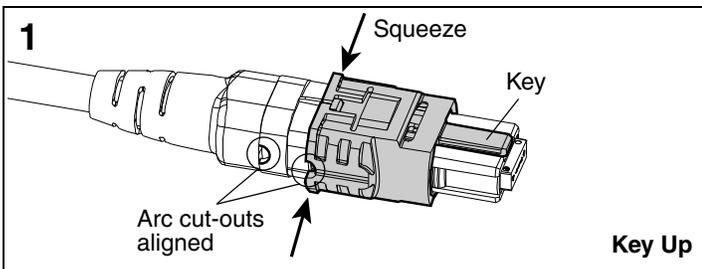


Insert tool into hole, press down gently, and push forward to advance connector pins to the male state. Repeat process in opposite direction to retract pins for female state.

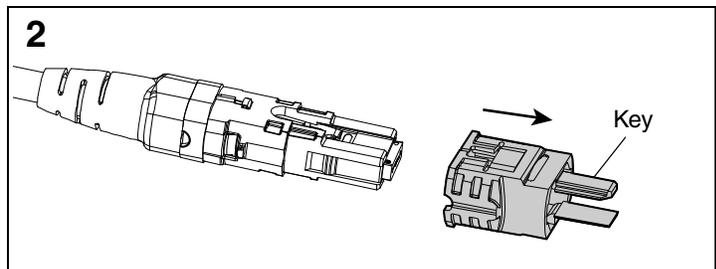


Re-install outer housing in the correct orientation. See polarity changeover instructions above.

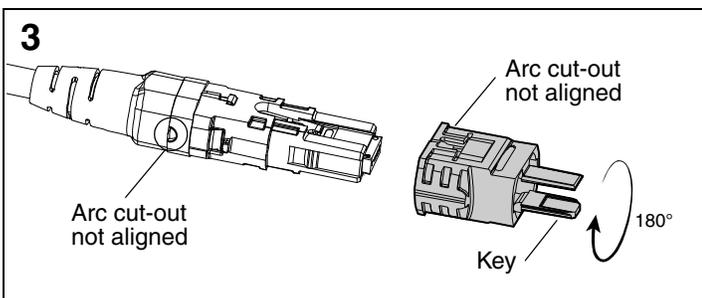
Polarity Changeover (Multimode cables only)



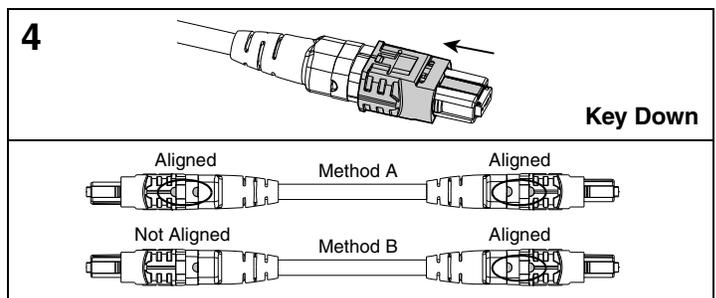
Squeeze both sides of outer housing at the back end evenly until you hear an audible click.



Pull outer housing off connector.



Rotate outer housing 180° so arc cut-out is on the opposite side.



Re-install outer housing until you hear a faint audible click.

Important Connector Cleaning Information

Clean all connectors prior to connection. Connectors must be properly cleaned prior to connection to ensure optimum optical performance is achieved. Although interconnect cords and cable assemblies are shipped from the factory pre-cleaned and protected with a dust cover, the user should never assume the ferrule or connector has not been contaminated. A contaminated endface may not meet system insertion loss and reflectance requirements or may cause permanent damage to the fiber(s) when mated to another connector. Therefore, it is recommended that each ferrule endface or tip be cleaned using this procedure prior to connection.

FMTPFCT Instructions - Cleaning Female MPO Connectors

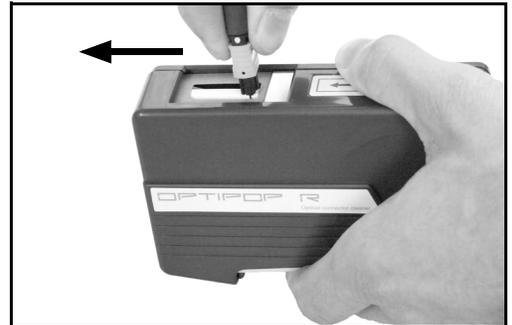
1. Grip the FMTPFCT depressing the green lever of the cleaning tool. The metal shutter on top of the cleaning tool will open exposing fresh cleaning material. Fresh material is exposed each time the green lever is depressed.
2. Position the female MPO ferrule endface so the fiber tips are in contact with the cleaning material. Wipe the ferrule endface along the cleaning material in the direction shown on the cleaning tool.
3. Release the green lever of the cassette to cover the cleaning material.
4. Repeat steps 1-3 to ensure that any contamination is removed.



FMTPMFCT Instructions - Cleaning Male MPO Connectors

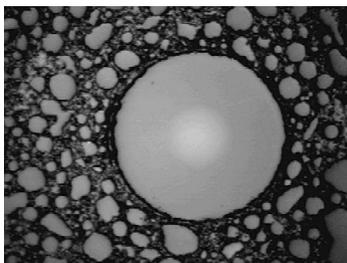
1. Grip the FMTPMFCT, depressing the green lever of the cleaning tool. The metal shutter on top of the cleaning tool will open, exposing fresh cleaning material. Fresh material is exposed each time the green lever is depressed.
2. Position the male MPO ferrule endface so that the fiber tips are in contact with the cleaning material. Wipe the ferrule endface along the cleaning material in the direction shown on the cleaning tool.
3. Release the green lever of the cassette to cover the cleaning material.
4. Repeat steps 1, 2 and 3 to ensure that any contamination is removed.

NOTE: The FMTPMFCT MPO Male Fiber Cleaning Tool is designed to provide clearance for the connector's guide pins allowing the fiber tips to contact the cleaning material.

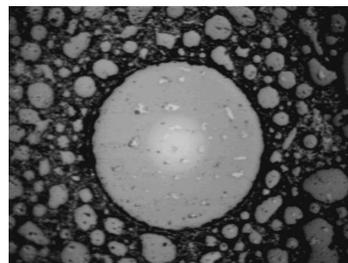


Best Practices

1. Inspection and rework areas should be kept as clean as possible at all times to avoid risk of connector contamination. Fiber connectors and adapters under inspection should not be allowed to contact areas that have a high risk of connector contamination (e.g. floor, fingers, etc.).
2. Panduit connectors and adapters are shipped with dust caps or plugs installed. These caps should remain in place at all times when the connectors are not in use in order to avoid contamination and possible damage. Always keep dust caps on connectors, patch panels, and everything else that is going to be involved in a connection until utilized.
3. When inserting a connector into an adapter, ensure that the tip does not touch the outside of the adapter. This could cause the fiber end to contact unintended surfaces, producing scratches and creating contamination on the fiber endface.
4. Use lint-free, non-woven pads and dry reel cleaners to clean the connectors.
5. Re-inspect connectors utilizing a 200x fiber microscope to ensure cleanliness before capping or reconnecting.
6. Recommended usage: 500 cycles. For best performance, clean every 100 cycles.



"Perfect" Endface in MPO connector



Oil/Liquid residue on MPO connector core and cladding

For Instructions in Local Languages
and Technical Support:

www.panduit.com/resources/install_maintain.asp

PANDUIT

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866-405-6654