



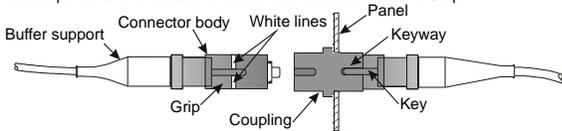
## M13AK0002

## Instruction Sheet

SC and LC Connectors  
Instruction for Use

## Install SC Connectors onto Coupling

1. Install each connector into the coupling by aligning the key on the connector body with the keyway on the coupling. The connector is properly installed when the white line in the grip disappears inside the coupling.
2. If a high-loss condition exists, use the SC cleaning procedures and reinstall the connectors as described in Step 1.
3. When doing rearrangements or reinsertions of SC connectors, use the SC cleaning procedures to clean all components and reinstall the connectors as described in Step 1.

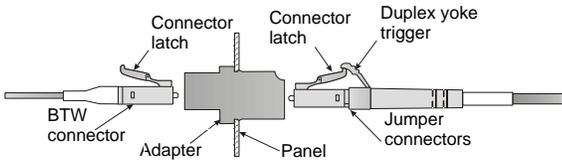


## Clean SC APC Connector

For optimal results, use the Chemtronics QbE® Cleaning System (Chemtronics #QBE). Position one QbE wipe over the foam platen. Spray a small spot (about the size of a quarter) of ElectroWash PX Fiber Optic Cleaner (Chemtronics #ES810 or ES1210) onto one corner of the QbE wipe. Orient the connector properly (i.e. APC connectors should be oriented and tilted, as needed, to ensure the end face contacts the wipe) and move the connector endface across the wipe, from the wet area to the dry area of the wipe, in one direction. Blow clean compressed air across the endface, to remove any lint particles. A new area of the wipe should be used for each connector. (Note: This procedure may also be used for SC PC connectors, instead of the procedure shown to the right).

## Install LC Connectors into Adapter

1. Install connector(s) into the adapter by aligning the latch(s) on the connector(s) with the slot(s) on the adapter and gently push into place. An audible click is heard when the connector(s) snap into the adapter.
2. If a high-loss condition exists, use the LC cleaning procedures and reinstall the connector(s) as described in Step 1.
3. When doing rearrangements or reinsertions of LC connectors, use the LC cleaning procedures to clean all components and reinstall the connectors as described in Step 1.



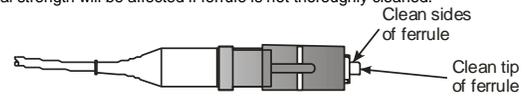
## Clean LC APC Connector

For optimal results, use the Chemtronics QbE® Cleaning System (Chemtronics #QBE). Position one QbE wipe over the foam platen. Spray a small spot (about the size of a quarter) of ElectroWash PX Fiber Optic Cleaner (Chemtronics #ES810 or ES1210) onto one corner of the QbE wipe. Orient the connector properly (i.e. APC connectors should be oriented and tilted, as needed, to ensure the end face contacts the wipe) and move the connector endface across the wipe, from the wet area to the dry area of the wipe, in one direction. Blow clean compressed air across the endface, to remove any lint particles. A new area of the wipe should be used for each connector. (Note: This procedure may also be used for LC PC connectors, instead of the procedure shown to the right).

## Clean SC Connector, Coupling, and Attenuator

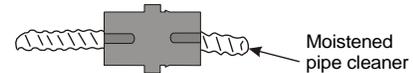
**Clean connector ferrule** with a wipe moistened with isopropyl alcohol\* and blow-dry with canned air. Clean end and sides of ferrule.

**Caution:** Signal strength will be affected if ferrule is not thoroughly cleaned.



**Clean coupling** by placing a pipe cleaner (moistened with isopropyl alcohol\*) inside coupling and gently rotating. Blow-dry the coupling using canned air.

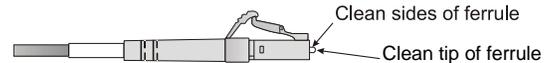
**Caution:** Do not try to clean the coupling with pipe cleaner if a connector is mounted in one side.



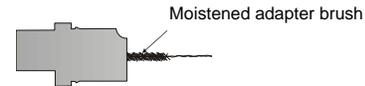
## Clean LC Connector and Adapter

**Clean connector ferrule** with a wipe moistened with isopropyl alcohol\* and blow-dry with canned air. Clean end and sides of ferrule.

**Caution:** Signal strength will be affected if ferrule is not thoroughly cleaned.



**Clean adapter** by placing an adapter brush (moistened with isopropyl alcohol\*) inside adapter and gently rotating. Blow-dry the adapter using canned air. The brush can be cleaned with alcohol and canned air.



**Warning:** Do not try to clean adapter with a standard pipe cleaner. The LC's sleeve inner diameter is too small. Also, do not try to clean the adapter with LC adapter brush if a connector is mounted in the adapter.

**Clean attenuator** by holding canned air nozzle 3 inches from end of the attenuator. Blow air into each side of the attenuator.

**Caution:** Do not use pipe cleaner or adapter brush to clean attenuator.



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\* For cleaning, always use isopropyl alcohol (&gt;91% 2-propanol + water).