

1.0 Fiber Optic Cable Installation

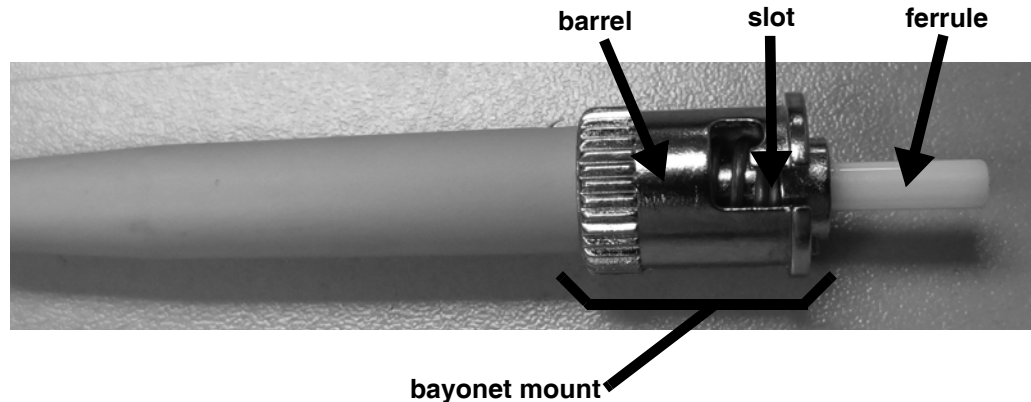
The plastic pins or tabs on fiber optic connectors are easily damaged. This document describes how to connect and disconnect fiber optic cables safely.



Caution: Fiber optic cables are very fragile. Do not twist or bend the cables, or they might break.

1.1 Parts of a fiber optic cable

The plastic fiber optic connectors connect to cables with an ST (straight tip) connection. The end of the cable consists of a ferrule and a spring-loaded bayonet mount. The mount has a barrel and slots that lock on to the connector.

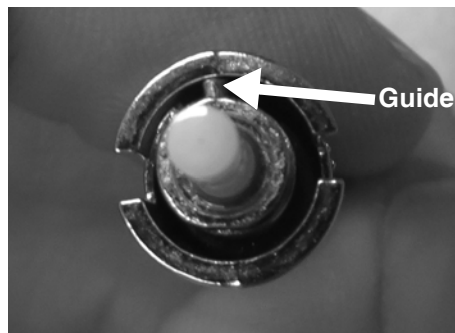


1.2 Connecting a fiber optic cable

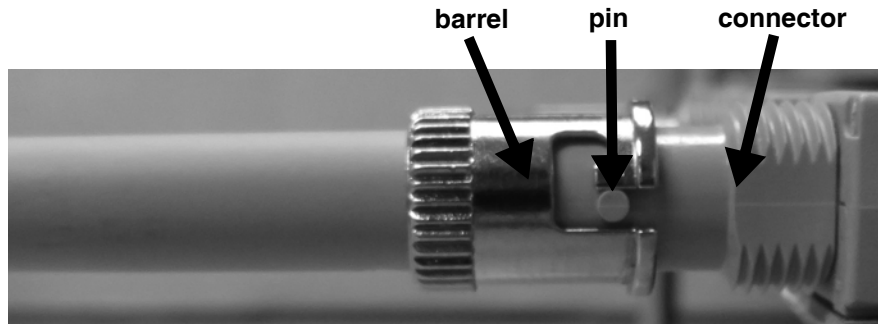
1. Remove the yellow Caution sticker.
2. If the connector has a black cap, remove the cap by turning it counterclockwise one quarter turn and pulling.

The fiber optic cable can be aligned only one way when you connect it. If you look at the cable connector from the front, you will see a small metal guide on the inside ring.

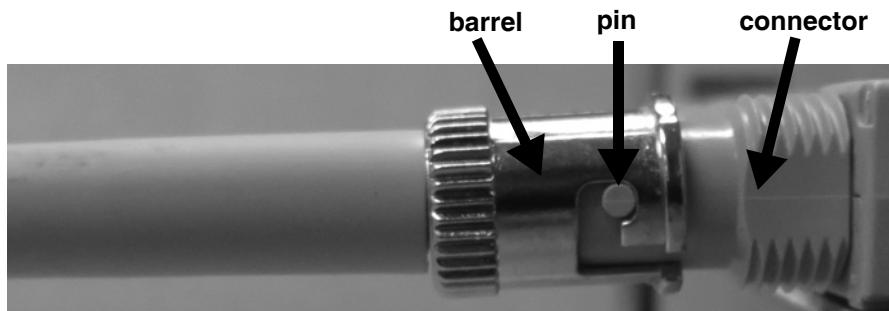
3. Hold the cable by the metal barrel, with the guide at the top.



4. Gently push the ferrule (the white cylinder) in to the connector until it stops. The pins on each side of the connector should now be in the slots on the barrel.



5. Push in the barrel and turn it clockwise one quarter turn. The pins should now be locked in the slots. If you pull on the barrel gently, it should remain in place.



1.3 Disconnecting a fiber optic cable

1. Push in the barrel and turn it counterclockwise one quarter turn. It should now be unlocked.
2. Gently pull the cable out.



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