Siemon MT-RJ Specs Provided by www.AAATesters.com

Siemon MT-RJ Field-Installable Connector



scrap rate.

NOTE: If the connector does not slide into the tool or the lead-in tube is not resting over the crimp platform, verify the wrench handle is up, the collar is in the open position (described in step 2c) and the connector is inserted at a slight angle.

and will significantly reduce your connector

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Remaining Steps Apply to Both Jacketed & Buffered Terminations (buffered shown unless otherwise indicated)



Gently press down the cleaver arm until it just touches the fibers and 9 guide then release. This will apply enough pressure to properly score the fibers. It is important that both fibers are scored equally. Excessive pressure on the cleaver arm during this process will improperly score the fiber and result in a poor cleave and high insertion loss during link testing. Do not put pressure on the clamp arm during the cleave.

IMPORTANT: It is critical that the cleaver blade lightly touch the fibers and then be released before the bending motion of the guide is used (next step) to break the fibers. Bending the guide while the blade is in contact with the fibers will result in poor cleaves.



the fiber guide with a quick crisp motion to break the fibers. To avoid deformation of guide do not over flex. Do not re-wipe fibers after cleave.

IMPORTANT: If fibers do not break, trim the fibers and start over. Do not re-cleave the fibers.



Turn on the VFL and verify 11 the collar of the MT-RJ is glowing brightly from the red laser of the VFL. The red glow of the collar will extinguish after insertion of the fibers and rotation of the collar only if the fibers have been properly stripped and cleaved and fully seated against the fiber stubs.



Prepare the fibers for insertion into the lead-in tube:

12 Push the button on the activation tool to open the indexing rollers and place both buffers (or jacket for 3.0mm jacketed terminations) into the indexing rollers and release button. The rollers can be used to help guide the fibers into the lead-in tube as well as to maintain inward pressure for the subsequent steps.

Also arrange the buffers into the proper polarity.

IMPORTANT: Maintaining optical system polarity it is essential for a fiber system to work properly. For each fiber link the buffered strands should be swapped from one end to the other, see photo depicting both ends of an MT-RJ link.



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Gently guide fibers straight in using the indexing rollers until you feel them firmly stop against the fiber stub in the connector. Use the visual marks and VFL to ensure both fibers are fully inserted. If measured cor-

rectly, the visual marks should be adjacent to each other and even with the end of the lead in tube. The light from the VFL will dim and/or extinguish once both fibers contact the stub.

If you feel resistance at the entrance tube, back the fibers out a short distance and re-insert.

NOTE: For Jacketed fiber, the jacket should stop within 2mm (0.08 in.) of the lead-in tube. This gap assures that the fibers butt together. If there's no gap, pull the fiber back out and with tweezers, gently pull on the buffer to achieve the required 13mm (0.51 in.) length. If this does not provide a gap, start over again.

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Global Headquarters Watertown, Connecticut USA Tel: (1) 866-548-5814

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