

INSTALLATION INSTRUCTIONS

Snap-N-Seal®

F Male Connector Environmentally Sealed Connectors

Cat. Nos. SNS7AS, SNS7ASZ, SNS7B, SNS7BQ, SNS11AS, SNS11ASZ and SNS11ASM

- 1) Slide connector assembly over cable as shown, see Figure 1.

(When using Messengered/Siamese cable: Rib must be removed flush with cable jacket before connector installation, this will insure proper installation and sealing.)

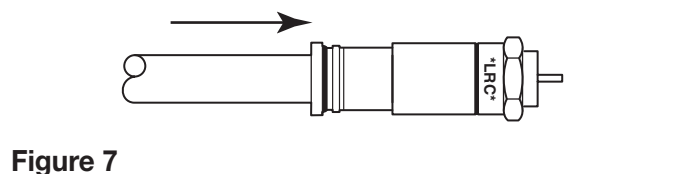
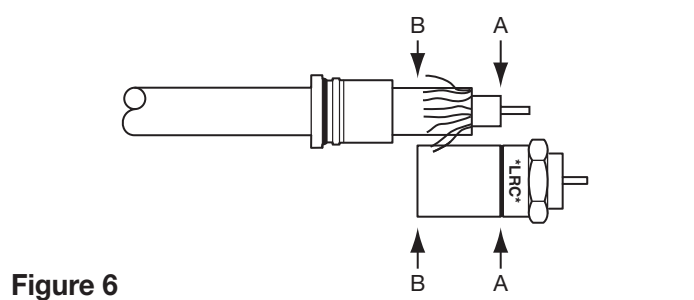
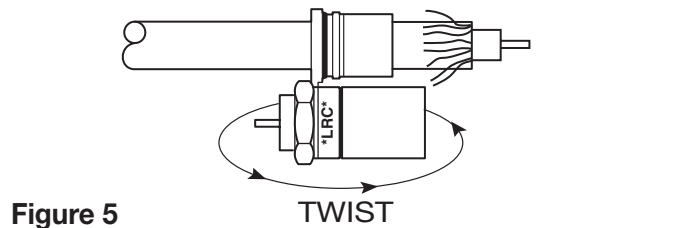
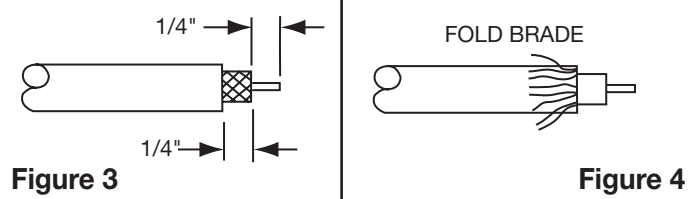
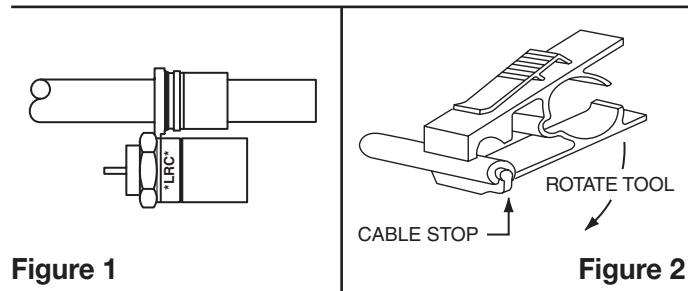
- 2) Prepare cable using LRC #CST11 tool as follows, see Figure 2: (If tool is not at hand, go to step 3). Cut the cable end so it is perpendicular to the cable axis. Squeeze the handles of the tool, then insert the cable to the cable stop.

Rotate tool 8 to 12 turns (as shown) or until tool turns freely. Pull tool from cable to complete the cable preparation.

- 3) Cable end should appear as shown, see Figure 3.
- 4) If using single braid cables, fold the braid over the jacket. If using double braid cables, fold the outer braid over the jacket. Score and remove foil (if applicable). Fold the inner braid over the jacket, see Figure 4.

- 5) Twist connector to remove from plastic sleeve, see Figure 5. (Plastic ring may stay attached between connector collar and nut).
- 6) To determine how far you should insert the cable: place cable next to the connector as shown. Position the dielectric at the installation groove (point A). With your thumbnail, mark the cable jacket at the edge of the connector (point B), see Figure 6.

- 7) Insert cable dielectric into the connector post. Push and twist connector until the cable bottoms inside of the connector (point B will be even with the end of the connector). Push plastic sleeve into the connector until a snug fit is achieved, see Figure 7.



8) Insert connector (with cable) into LRC installation tool #L3011B. Seat plastic sleeve into the pocket of the tool jaw. Squeeze handles together. The black plastic sleeve and the white pin insulator should both snap into place, with o-ring completely hidden under the collar. The white plastic insulator holding the pin, should be below or flush with connector interface, see Figure 8.

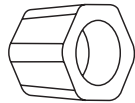
Seal the connector to the port using LRC's Nut Seal or Thread Protectors:

A) Nut Seal:



Thread nut seal all the way onto the F port with the o-ring facing out (minimum port length of .281 is required). Thread connector onto the port. Wrench tighten connector 25 to 30 in. lbs. torque. When connector is tight, screw the nut seal back up against the connector. Tighten nut seal 25 to 30 in. lbs.

B) Thread Protectors:



Using the TP Chart, determine which thread protector should be used for your port length.

TP CHART

LRC Part #	Min. Port Length	Max. Port Length	Fig #
TP275	.275	.335	9
TP450	.450	.510	10

Push the larger diameter end, (see Fig. 9 or 10), over the F interface until seated against the interface surface, (see Fig. 11).

9) Thread SNS connector onto the port and wrench tighten 25 to 30 in. lbs. The end of the F connector nut should push against the end of the thread protector to ensure proper sealing.

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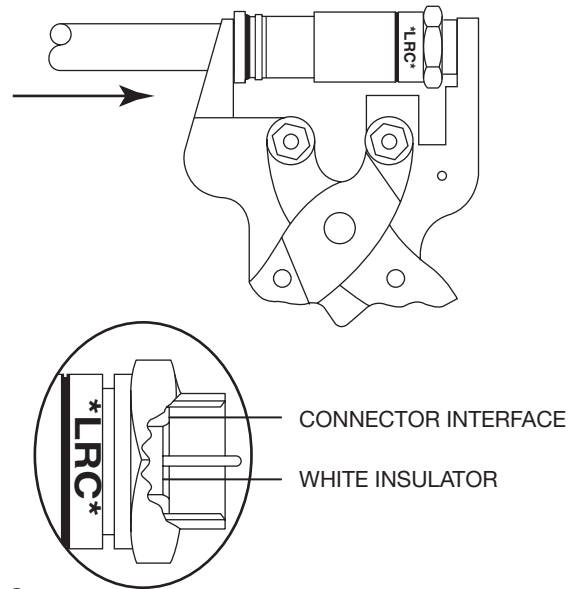


Figure 8

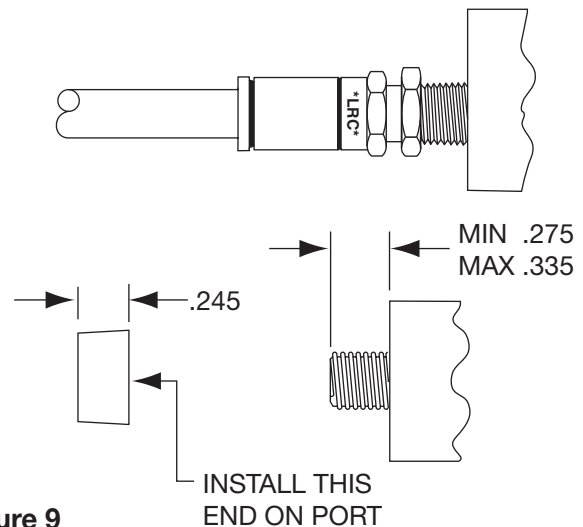


Figure 9

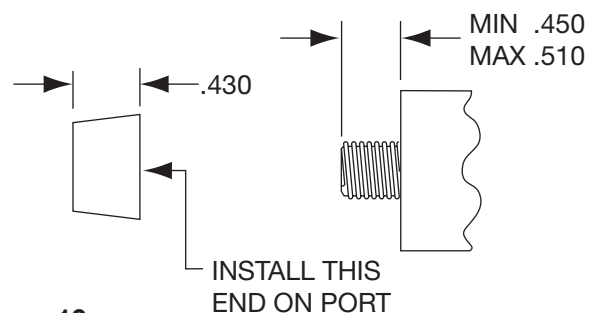


Figure 10

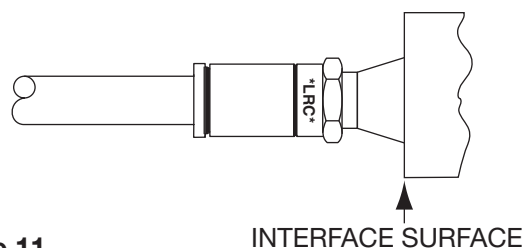


Figure 11