

INSTALLATION INSTRUCTIONS Snap-N-Seal®

F Male Connector Series, One-Piece

Cat. Nos. SNS1P11, 716SNS1P11, SNS1P7, SNS1P7Q and SNS1P8MMAS

Prepare cable using LRC CST596711 tool as follows:
(When using Messengered/Siamese cable:
Rib must be removed flush with cable jacket before
connector installation, this will insure proper
installation and sealing.)

- 1) Cut the cable end off square before starting cable preparation. Ensure that the gray cartridge is properly mounted in the front position as shown. Open tool by squeezing the handle, then insert the cable up to the cable stop (see Figure 1).

Rotate tool as shown, 1 to 2 turns, or until tool turns freely. Pull tool from cable to complete the cable preparation. Cable end should appear as shown (see Figure 2).

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 3).

- 2) 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). Mark the cable jacket at the edge of the connector, at point B (see Figure 3).
- 3) Insert prepared cable end into the connector through the plastic sleeve. Ensure that the center conductor of the cable and foil covered dielectric are properly aligned with the connector post (see Figure 4).

Insert cable dielectric into the connector post. Push and twist connector until the cable bottoms inside of the connector (mark at point B will be even with the end of the connector) (See Figure 4).

NOTE: If necessary to facilitate cable alignment and insertion, the sleeve can be removed by pressing sideways by hand. If needed, the use of a suitable tool such as a pair of pliers will increase leverage for sleeve removal. Do not over grip the sleeve. Keep the sleeve inserted over the cable, push cable fully into connector and then push sleeve back into connector.

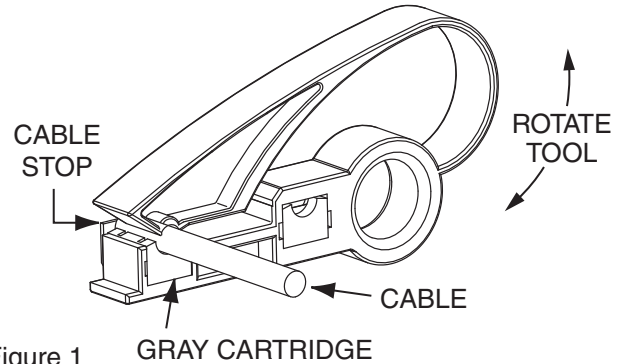


Figure 1

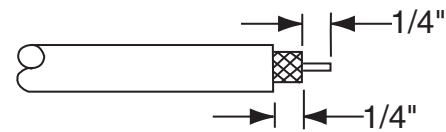


Figure 2

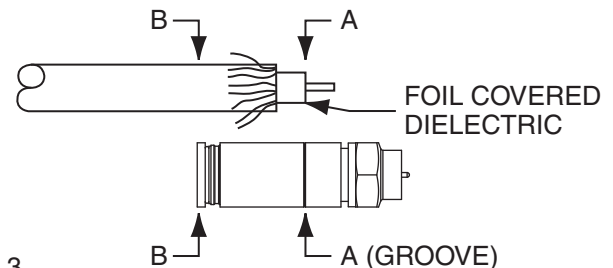


Figure 3

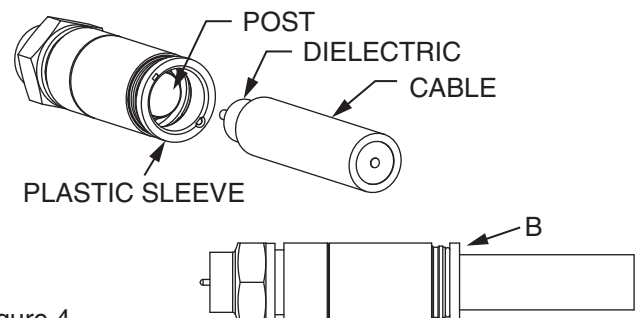


Figure 4

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- 4) 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 plastic insulator holding the pin, should be below or flush with connector interface (see Figure 5).

Seal the connector to the port using LRC's Thread Protectors (see Figure 6).

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

TP CHART			
LRC Part #	Port Length		Fig.#
	Min.	Max.	
TP275	.275	.335	7
TP450	.450	.510	8

Push the larger diameter end, (See Figure 7 or 8), over the F interface until seated against the interface surface, (see Figure 9).

- 5) Thread SNS connector onto 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.

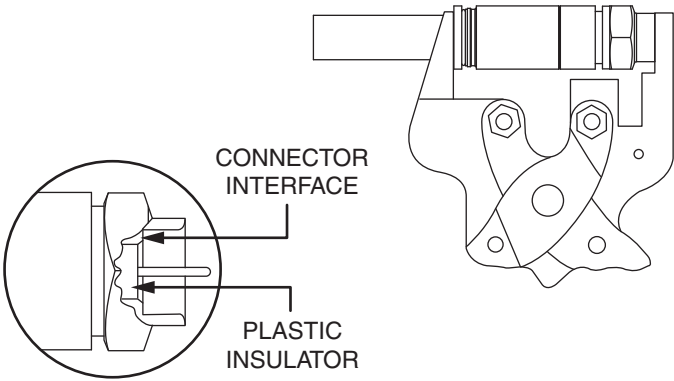


Figure 5

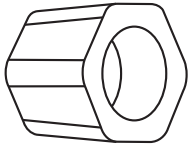


Figure 6

Thread Protectors

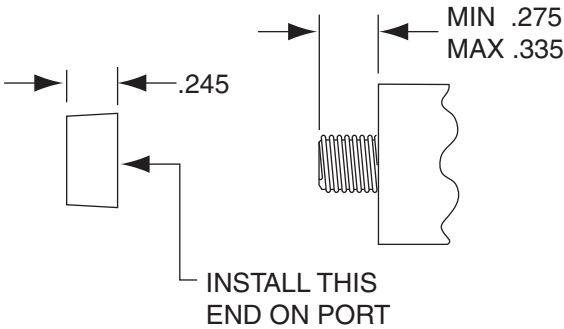


Figure 7

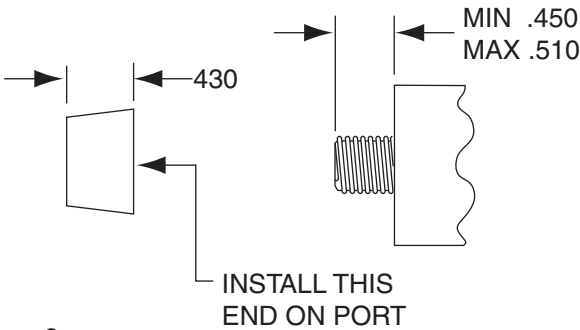


Figure 8

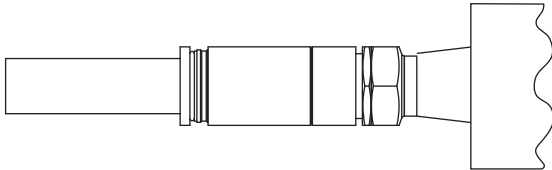


Figure 9