

## Installation Instructions

SNS1P6, SNS1P6QS, SNS1P59, SNS1P59QS, SNS1P59HEC, SNS651, SNS1P6A, SNS1P6QSA, SNS1P59A, SNS1P59QSA, SNS1P59HECA, SNS351, SNS1P6PLB and SNS1P6PLA

### Snap-N-Seal® F Male Connector Series, One-Piece

#### PREPARING THE CABLE

Prepare cable as follows using LRC #CST596 (or CST596711) tool. (If tool is not at hand, go to step 3. If using Messengered/Siamese cable, remove rib on cable jacket at this point).

1. Cut the cable end off square before starting cable preparation.
2. Open tool by squeezing the handles then insert the cable up to the cable stop.
3. Rotate tool as shown in Figure 1: 3 or 4 turns if using tool CST596, 1 to 2 turns if using tool CST596711 or until tool turns freely.
4. Pull tool from cable to complete the cable preparation. Cable end should appear as shown (Figure 2).
5. 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 (Figure 3).

TABLE 1

CAT. NOS.	SLEEVE COLOR
SNS1P59	Orange
SNS1P59QS	Green
SNS1P59HEC	White
SNS1P6	Blue
SNS1P6QS	Violet
SNS6PLB	Black
SNS351	Black
SNS651	Green

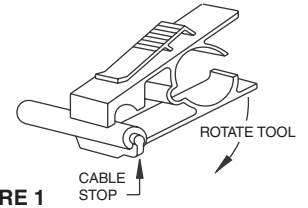


FIGURE 1

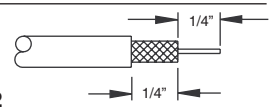


FIGURE 2

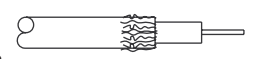


FIGURE 3

#### CABLE INSERTION

1. 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. Push cable end into connector until the cable dielectric is flush with the end of the post. (see Fig. 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.

2. Finish the connector to cable installation using LRC #SNSUTL or #IT1000 installation tool.
  - (A) Using IT1000 tool: place connector assembly inside tool as shown. Squeeze handle until the plastic sleeve snaps into the connector. The plastic sleeve is in proper position when the connector is compressed to the indicator line marked on the tool. A white indicator will also be visible thru the tool "sight hole".
  - (B) Using SNSUTL tool: align top of tool with the connector "U Groove", and push the connector and cable into the tool as shown. The cable should be held in place by the bottom of the tool, and the plastic sleeve should be seated into the "Clip Pocket". Squeeze the handles together until the plastic sleeve snaps into place. Seal the connector to the port using LRC's Thread Protectors: Using the TP Chart, determine which thread protector should be used for your port length. Push the larger diameter end, (see Fig. 5 or 6), over the F interface until seated against the interface surface, (see Fig. 7).
3. 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.

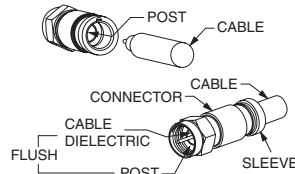


FIGURE 4

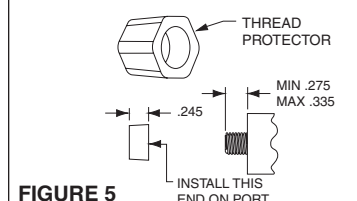
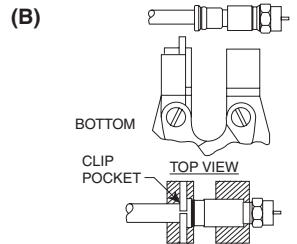
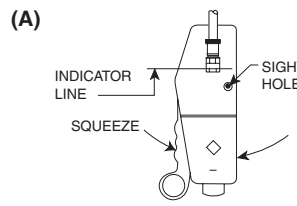


FIGURE 5

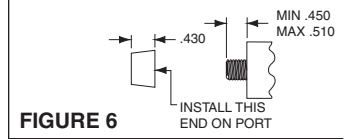


FIGURE 6

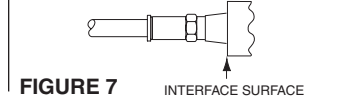


FIGURE 7

LRC Part #	Port Length		Fig. #
	Min.	Max.	
TP275	.275	.335	1
TP450	.450	.510	2

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