



LRC® SNAP-N-SEAL®

“F” Series Male One Piece Compression Connectors

Thomas & Betts introduces Snap-N-Seal® One Piece Compression Connectors, the newest addition to the Snap-N-Seal® system. With its user-friendly, pre-positioned and detachably coupled plastic sleeve, the Snap-N-Seal® One Piece Connector incorporates time-proven advantages for a reliable connection. Snap-N-Seal® One Piece Connectors use the same proven 360° compression design and installation tools as other LRC® Snap-N-Seal® products.

DESIGN FEATURES

- To reduce assembly time and simplify installation, the plastic sleeve is pre-positioned and detachably coupled to the connector body.
- The plastic sleeve's separability from the connector body further simplifies difficult installations.
- True 360° compression onto cable ensures superior RF shielding performance, -95 dB effective shielding (typical on 60% bonded foil cable).
- Permanently stamped part numbers and color-coded sleeves for easy identification before and after installation.
- Installation requires one-step 1/4" - 1/4" cable preparation and standard compression tools used for all 59 & 6 series Snap-N-Seal® product families.
- Quad-sealed system prevents moisture migration.
- Incorporates an iridescent chromate finish plus UV resistant plastic and O-rings to provide a reliable, environmentally sealed product.
- Superb return loss performance of -30 dB to 1GHz.
- Cable retention exceeds 40 lb. minimum as specified by the SCTE.

TECHNICAL SPECIFICATION

PHYSICAL PROPERTIES

NUT, POST AND COLLAR: BRASS
 NUT AND COLLAR FINISH: CADMIUM PLATED WITH IRIDESCENT CHROMATE COATING
 POST FINISH: TIN PLATED
 O-RING: ETHYLENE PROPYLENE

ELECTRICAL PROPERTIES

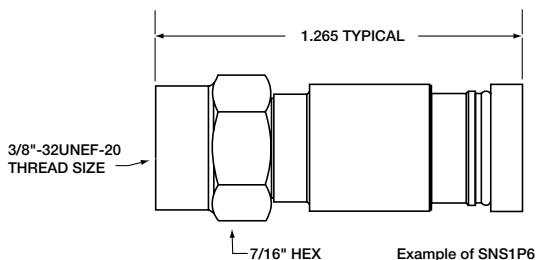
RETURN LOSS: -30 dB UP TO 1 GHz TYPICAL
 INSERTION LOSS: ≤ -0.18 dB UP TO 1 GHz TYPICAL
 RFI SHIELDING: -95 dB TYPICAL (60% BONDED FOIL CABLE)

MECHANICAL PROPERTIES

CABLE RETENTION : 40 LBS. MIN. COMPLIES TO SCTE IPS-SP-404
 CABLE INSERTION FORCE: <20 LBS

ENVIRONMENTAL PROPERTIES

TEMPERATURE RATING: -40°F (-40°C) TO 140°F (60°C)



ORDERING INFORMATION

| Catalog Number | Post I.D. | Sleeve I.D. | Sleeve Color | Tool [†] | Inner Pack | Outer Pack |
|----------------|-----------|-------------|--------------|-------------------|------------|------------|
| SNS1P59 | .154 | .253 | Orange | 1+2 | 50 | 1000 |
| SNS1P59QS | .154 | .275 | Green | 1+2 | 50 | 1000 |
| SNS1P59HEC | .154 | .290 | White | 1+2 | 50 | 1000 |
| SNS1P6 | .191 | .290 | Blue | 1+2 | 50 | 1000 |
| SNS1P6QS | .191 | .315 | Violet | 1+2 | 50 | 1000 |

†TOOL: 1 = CST596 OR CST596711 2 = SNSUTL