

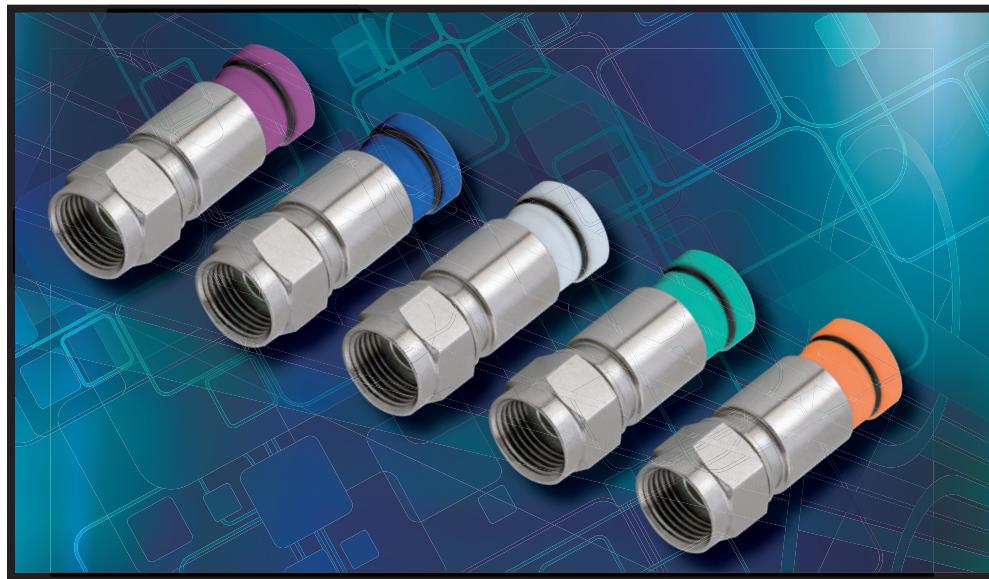
PB 448

**Snap-N-Seal®
"F" Series Male One-Piece
Compression Connectors**

Belden Snap-N-Seal® One-Piece Compression Connectors, feature a user-friendly, pre-positioned and detachably coupled plastic sleeve, incorporating 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 Snap-N-Seal® products.

- To reduce assembly time and simplify installation, the plastic sleeve is pre-positioned and detachably coupled to the connector body.
- True 360° compression onto cable ensures superior RF shielding performance, -90 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 a NiTin finish plus UV resistant sleeve and O-rings to provide a reliable, environmentally sealed product.
- Superb return loss performance of -30 dB to 1GHz.
- Cable retention exceeds 40 lbs. minimum as specified by the SCTE.



Physical Properties

- Nut, Post and Collar: Brass
- Nut and Collar Finish: Nickel Tin
- Post Finish: Tin Plated
- O-Rings: Ethylene Propylene

Electrical Properties

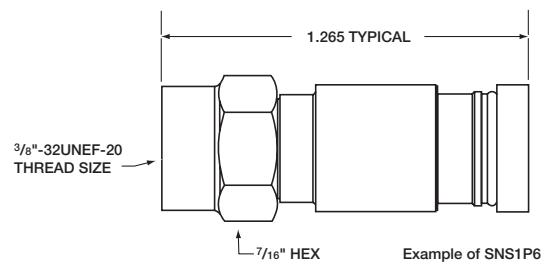
- Return Loss: ≥ -30 dB up to 1GHz Typical
- Insertion Loss: ≤ -0.18 dB up to 1GHz Typical
- RFI Shielding: -90 dB Typical (60% Bonded Foil)

Mechanical Properties

- Complies to SCTE IPS-SP-401
- Cable Retention: 40 lbs. minimum
- Cable Insertion Force: 20 lbs. maximum

Environmental Properties

- Temperature Rating -40° F (-40 °C) to 140 °F (60 °C)
- Moisture Migration: Passes ANSI/SCTE 60 2004
- Salt Fog: Passes 1,000 Hours ANSI/SCTE 143 2007



| Part Number | Post I.D. (in.) | Sleeve I.D. (in.) | Sleeve Color | Tool [†] | Inner Pack | Outer Pack |
|-------------|-----------------|-------------------|--------------|-------------------|------------|------------|
| SNS1P59 | .154 | .253 | Orange | 1+2 or 3 | 50 | 1000 |
| SNS1P59QS | .154 | .275 | Green | 1+2 or 3 | 50 | 1000 |
| SNS1P59HEC | .154 | .290 | White | 1+2 or 3 | 50 | 1000 |
| SNS1P6 | .191 | .290 | Blue | 1+2 or 3 | 50 | 1000 |
| SNS1P6QS | .191 | .315 | Violet | 1+2 or 3 | 50 | 1000 |

[†]Tool: 1 = CST596 or CST596711 2 = SNSUTL 3 = IT1000