

**PB 413**

**Ultimate Snap-N-Seal® "F" Series Compression Connectors**

Belden Ultimate Snap-N-Seal® compression connectors are designed to fit a range of SCTE specification drop cables, including 60% braid, tri-shield and quad shield.



Look for the classic design of this Belden connector. With its user-friendly, pre-positioned and detachably coupled plastic sleeve, the Ultimate™ Snap-N-Seal® Connector incorporates time-proven advantages for a reliable connection.

- 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, -90 dB effective shielding (typical on 60% bonded foil cable)
- 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 plastic and O-rings to provide a reliable, environmentally sealed product
- Cable retention exceeds 40 lb. 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**

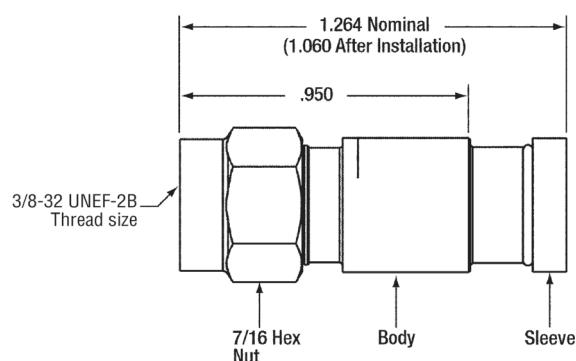
- Return Loss:  $\geq -30$  dB up to 1GHz Typical
- Insertion Loss:  $\leq -0.18$  dB up to 1GHz Typical
- RFI Shielding: -90 dB typical (60% Bonded Foil)

**Mechanical Properties**

- Cable Retention: 40 lbs. min. complies with ANSI/SCTE 99 2004
- Cable Insertion Force: <20 lbs. typical

**Environmental Properties**

- Temperature Rating: -40 °F (-40 °C) to 140 °F (60 °C)
- Moisture Migration: Passes ANSI/SCTE 60 2004



Part Number	Post I.D. (in.)	Sleeve I.D. (in.)	Sleeve Color	Tool <sup>†</sup>	Inner Pack	Outer Pack
SNS1P6U	.191	.293	Red	1+2 or 3	50	1000
SNS1P59U	.154	.265	Gray	1+2 or 3	50	1000

<sup>†</sup>Tool: 1 = CST596596 or CST596711 2 = SNSUTL or SNSUNI 3 = IT1000