

PB 495

ProGen™ Universal “F” Male Continuity Connector for Series 6 Cables

Belden’s new industry-leading ProGen™ Universal Compression Continuity Connector design combines easy installation with low cable insertion and high cable retention force.



A Connector Revolution

The Snap-N-Seal® connector family's rich history includes many product innovations, but our new ProGen™ Continuity connector represents the best of the best in terms of easy installation and premium product performance. Nearly every aspect of the Snap-N-Seal® ProGen™ connector is newly designed - from the ground up! For example, installers are sure to appreciate the ProGen™ connector's non-blind entry which provides unparalleled visibility as the cable is inserted into the connector. Additionally, this new connector platform was designed to meet the entire range of needs for CATV systems and features several patented designs related to weather resistance, cable retention force, and low insertion force. Finally, the new ProGen™ connector features the industry's best continuity design which will contribute to an overall drop in operating expenses related to the reduction of truck rolls.

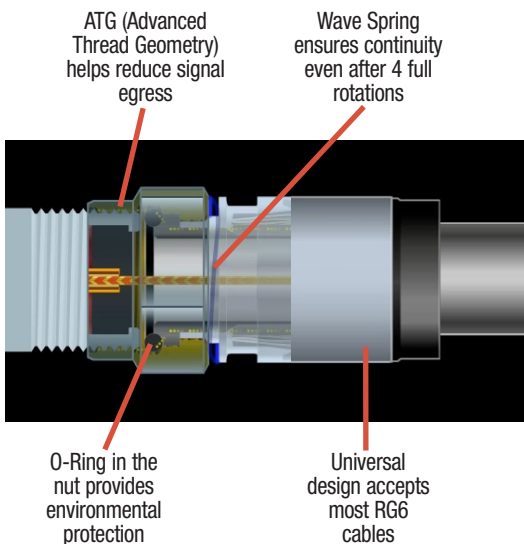
The ProGen™ connector platform features a universal design that accepts 6 series ANSI/ SCTE specification single, tri-shield and quad shield cables. Most industry tools are capable of properly compressing the ProGen™ connector including Belden's Cable Pro® installation tools.

Connector Versions

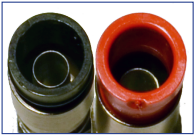
The ProGen™ connector is available in several different versions including with/without continuity, indoor, outdoor (with integrated weather boot) and with/without O-ring in the nut. This variety of configurations ensures that all requirements from CATV systems can be met in conjunction with lower operating costs associated with better initial installations and connector performance during use.

Key Benefits

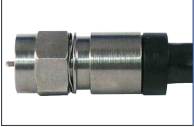
- Higher quality installations derived from better visibility during connector installation.
- Fewer service calls due to industry-leading continuity design.
- Compatibility with most industry tools.
- Industry-leading warranty.
- Unmatched Tech Service Training Program.



The ProGen™ Connector Advantages



- The ProGen™ connector center post is positioned 30% closer to the back of the connector vs. major competitors. This dramatically reduces misaligned insertion attempts common with competitor's connectors.



- The ProGen™ connector has 19% greater retention force than major competitors when using 60% braid.



- The ProGen™ connector utilizes an O-ring in the nut that is 50% larger than its major competitors to provide a better environmental seal.



- The ProGen™ connector's Continuity feature reduces signal egress by 2 dB vs. major competitors, even after four full rotations from tight on the post. This is due to the new Snap-N-Seal® Advanced Thread Geometry (ATG).



- The ProGen™ connector's nut spins up to 50% more freely than previous designs and most industry connectors.



- The ProGen™ connector is manufactured in the USA.

Physical Properties

- Nut and Ring: NiTin Plated Brass
- Collar: Thermoplastic Polymer
- Post: Tin Plated Brass
- O-Ring: Ethylene Propylene

Recommended Tools

Cable Pro®	
Prep	Install
CST596	SNSUTL
CST596711	SNSUNI
PSA59/6	CPUCT-59/6
	SAR200*

Industry Tools	
Install	
VT200*	PCT-RH-CT
CAT-AS	HCPT-6950
CT2-AS	8800US
PCT-TRS-CT-AS	

*Adaptors may be required.



Electrical Properties

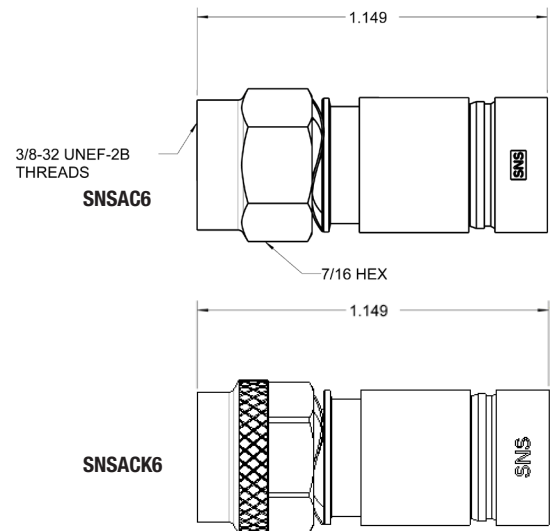
- Return Loss: ≥ -30 dB up to 1 GHz Typical
- Insertion Loss: ≤ 0.2 dB up to 1 GHz Typical
- RFI Shielding: -85 dB up to 1 GHz Typical (60% Bonded Foil)

Mechanical Properties

- Cable Insertion Force: 15 lbs. Maximum
- Cable Retention Force: 40 lbs. Minimum per ANSI/SCTE 99 2009

Environmental Properties

- Temperature Rating: -40 °F (-40 °C) to 140 °F (60 °C)
- Salt Fog: Passes 1000 Hours ANSI/SCTE 143 2007
- Moisture Migration: Passes ANSI/SCTE 60 2010



Part Number	Description	Post I.D. (in.)	Sleeve I.D. (in.)	Collar Color	Inner Pack	Outer Pack
SNSA6	ProGen™ Environmentally Sealed F Male for Series 6 Cable with Hex Nut	.191	.335	Black	50	1,000
SNSAC6	ProGen™ Environmentally Sealed Continuity F Male for Series 6 Cable with Hex Nut	.191	.335	Black	50	1,000
SNSACK6	ProGen™ Environmentally Sealed Continuity F Male for Series 6 Cable with Hex/Knurled Nut	.191	.335	Black	50	1,000
SNSACN06	ProGen™ Continuity F Male for Series 6 Cable with Hex Nut	.191	.335	Black	50	1,000