

Snap-N-Seal® ProSNS® Compression Connectors



Specifically designed to combine the patented technologies of Snap-N-Seal® and F-Conn® to provide ease of installation and quality performance, PPC Snap-N-Seal® ProSNS® connectors deliver a reliable connection for a variety of applications.

ProSNS Compression Connectors

Universal

ProSNS universal RG-59, RG-6 and RG-11 connectors are designed to fit most non-plenum coaxial cables including 60% braid, tri-shield and quad-shield.

Plenum

ProSNS plenum connectors are designed to fit most plenum coaxial cables. ProSNS RG-59, RG-6, RG-6 Quad and RG-11 plenum connectors feature range-taking design which accounts for slightly different diameters found in plenum cables from different manufacturers.



Security

ProSNS RG-59 Security (CCTV) BNC connectors are designed to fit most RG-59 security cable constructions including bare copper wire braid over dielectric. The range-taking design accounts for slightly different diameters found in security cables from different manufacturers.

All ProSNS Connectors Have the Following Features:

- True 360° compression onto the cable provides high-quality, 75 ohm performance and superior return loss, as well as superior RF shielding performance; -85dB effective shielding (typical on 60% bonded foil cable).
- A patented floating pin insert guide provides a non-blind entry installation. This feature allows for easy installation of the cable into the connector insuring proper alignment.
- Low compression force required to terminate the connector onto the cable.
- The improved design offers the flexibility to be installed with nearly all available compression tools.
- Installation requires the industry standard 1/4"-1/4" cable preparation.
- Meets or exceeds all SCTE standards.

Innovation and Performance Reliability

Installations in Commercial and Residential Audio/Video, Security, and Broadband markets will be a "snap", thanks to the low compression force associated with traditional Snap-N-Seal® connectors along with the patented non-blind entry with a floating pin design from F-Conn®.



FSNS6U
ProSNS Universal F Connector



FSNS59RCAU
ProSNS Universal RCA Connector



FSNS59BNCU
ProSNS Universal BNC Connector



SNS1P11H and 716SNS1P11HPLA
ProSNS Universal RG-11 Connectors

ProSNS Universal F Connector

The ProSNS F type connectors use a patented, removeable plastic sleeve guide designed to assist with the insertion of the cable center conductor to simplify the installation. As the cable center conductor is inserted into the back end of the connector, the removeable plastic guide is pushed forward and out from the front end of the connector. When the guide is completely pushed out from the front of the connector, it will detach and fall out. This design feature is to guide the insertion of the cable, and to help identify when the cable center conductor is fully and properly inserted into the connector.

A patented internal O-ring at the base of the nut facilitates a free-spinning nut design to ease installation.

ProSNS Universal RCA Connector

The patented removeable plastic sleeve guide is also a design feature of the ProSNS RCA connector. The plastic guide is attached to the front of the RCA pin. As the cable center conductor is inserted into the RCA pin and pushed forward, the removeable plastic guide is pushed up and out of the front end of the connector. The plastic guide will need to be detached and removed from the RCA pin, once the cable and pin are properly inserted into the connector.

ProSNS Universal BNC Connector

A patented 360° floating-pin basket is incorporated into the design of the ProSNS BNC connector. By positioning the pin basket at the back end of the connector, the insertion of the cable center conductor is easier and more accurate. Once the pin basket is properly seated inside the connector, it is then compressed around the cable center conductor by an outer plastic sleeve.

ProSNS RG-11 Connectors

The ProSNS RG-11 connector family comes in a variety of configurations to meet nearly every RG-11 installation need. This includes universal, plenum, and quad-shield F-type and BNC connectors. A 90° F-type connector is also available for greater installation flexibility.

Like our 59 and 6 connectors, the ProSNS RG-11 connectors utilize a plastic pin guide for greater connector performance and easy installation. The floating pin allows for non-blind entry on BNC version connectors.



FSNS6BNCU
ProSNS Universal BNC Series 6 Connector

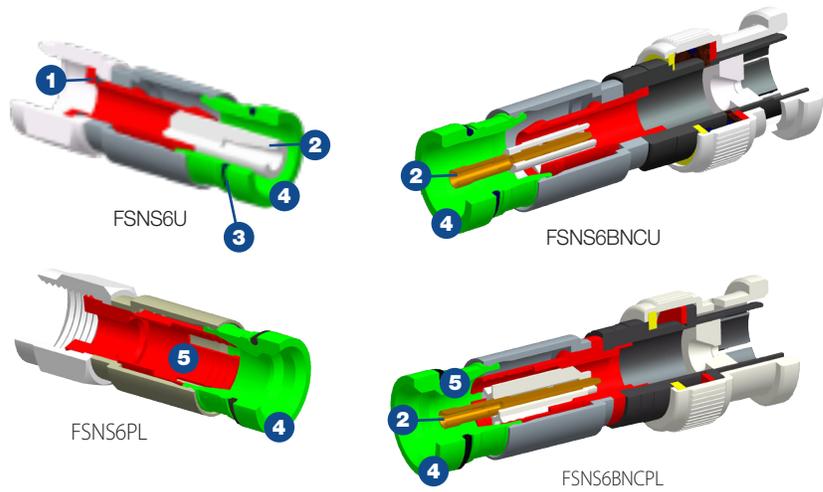
Quality in Design

The ProSNS connector series combines patented technologies and traditional, easy-to-use installation techniques together to create a high-quality connector family.

These connectors are designed using a patented guide and pin basket design. By positioning the floating-pin 360° basket at the back end of the connector, it simplifies the insertion of the cable center conductor. The pin basket is compressed around the center conductor by a plastic compression ring.

Plenum and security connectors also utilize the patented floating pin, but also feature a split ferrule which makes cable insertion easier - without compromising signal quality or cable retention.

Internal Depictions of ProSNS Connectors



1. A Patented Internal "O" Ring Permits Nut to Spin Freely While Protecting Against Water Migration
2. Patented Guide Sleeve (F) and Center Pin (BNC and RCA) Eliminate Blind Entry Simplifying and Providing Consistent Cable Insertion
3. Sleeves' Sealing "O" Ring Prevents Moisture Migration
4. Patented, Industry Leading, Removable Sleeve Reduces Compression Force
5. Split Ferrule Design (Plenum and Security) Accommodates Slight Differences in Cable Diameter.

Return Loss Performance

The return loss performance should be one of the most important factors in choosing a connector. Return loss (RL) represents the quality and consistency of the signal path. Better (more negative) RL measurements are the result of better impedance stability within the signal path and, therefore, lower reflected signal loss in the path.

All PPC connectors meet or exceed SCTE return loss standards, providing superior return loss results and a dependable, high-quality signal.

ProSNS RG-6 Connector RL Performance



Connector Part Number	Swept to 1 GHz	Swept to 3 GHz
FSNS6U	-34	-21
FSNS6BNCU	-32	-21
FSNS59U	-40	-32
FSNS59BNCU	-33	-21
716SNS1P11H	-26	-18
FSNS11QBNC	-24	-18

Product Offering

RG-59 Cable

Part Number*	Description	Impedance (ohms)	Color Band	Recommended Tool**
FSNS59U	Universal "F" Connector for Standard or Quad-Shield Cable	75	Red	CPLCCT-SLM or CPSNSCT-596
FSNS59URA	Universal 90° Right Angle "F" Connector for Standard or Quad-Shield Cable	75	Red	CPLCCT-SLM or CPSNSCT-596
FSNS59BNCU	Universal BNC Connector for Standard or Quad-Shield Cable	75	Red	CPLCCT-SLM or CPSNSCT-596
FSNS59RCAU	Universal RCA Connector for Standard or Quad-Shield Cable	75	Red	CPLCCT-SLM or CPSNSCT-596
FSNS59BNCSL	BNC Connector for CCTV (CU Braid, No Foil) Cable	75	Red	CPLCCT-SLM or CPSNSCT-596
FSNS59PL	"F" Connector for Plenum Cable	75	Red	CPLCCT-SLM or CPSNSCT-596
FSNS59PL3	"F" Connector for Plenum Cable (23 AWG)	75	Red	CPLCCT-SLM or CPSNSCT-596
FSNS59BNCPL	BNC Connector for Plenum Cable	75	Red	CPLCCT-SLM or CPSNSCT-596
FSNS59BNCPL3	BNC Connector for Plenum Cable (23 AWG)	75	Red	CPLCCT-SLM or CPSNSCT-596
FSNS59RCAPL	RCA Connector for Plenum Cable	75	Red	CPLCCT-SLM or CPSNSCT-596

RG-6 Cable

Part Number*	Description	Impedance (ohms)	Color Band	Recommended Tool**
FSNS6U	Universal "F" Connector for Standard or Quad-Shield Cable	75	Green	CPLCCT-SLM or CPSNSCT-596
FSNS6URA	Universal 90° Right Angle "F" Connector for Standard or Quad-Shield Cable	75	Green	CPLCCT-SLM or CPSNSCT-596
FSNS6BNCU	Universal BNC Connector for Standard or Quad-Shield Cable	75	Green	CPLCCT-SLM or CPSNSCT-596
FSNS6RCAU	Universal RCA Connector for Standard or Quad-Shield Cable	75	Green	CPLCCT-SLM or CPSNSCT-596
FSNS1P6QS-R	"F" Connector for Quad-Shield Cable	75	Purple	CPLCCT-SLM or CPSNSCT-596
FSNS6PL	"F" Connector for Plenum Cable	75	Green	CPLCCT-SLM or CPSNSCT-596
FSNS6BNCPL	BNC Connector for Plenum Cable	75	Green	CPLCCT-SLM or CPSNSCT-596
FSNS6RCAPL	RCA Connector for Plenum Cable	75	Green	CPLCCT-SLM or CPSNSCT-596
FSNS6PLQ	"F" Connector for Plenum Quad-Shield Cable	75	Green	CPLCCT-SLM or CPSNSCT-596
FSNS6BNCPLQ	BNC Connector for Plenum Quad-Shield Cable	75	Green	CPLCCT-SLM or CPSNSCT-596
FSNS6RCAPLQ	RCA Connector for Plenum Quad-Shield Cable	75	Green	CPLCCT-SLM or CPSNSCT-596

RG-11 Cable

Part Number*	Description	Impedance (ohms)	Color Band	Recommended Tool**
716SNS1P11H	7/16" Universal "F" Conn for Standard or Quad-Shield Cable	75	Black	CPLCCT-LS59/11
716SNS1P11HPLA	7/16" "F" Connector for Plenum Cable	75	Gray	CPLCCT-LS59/11
716SNS1P11HQ	7/16" "F" Connector for Quad-Shield Cable	75	Purple	CPLCCT-LS59/11
SNS1P11H	9/16" Universal "F" Conn for Standard or Quad-Shield Cable	75	Black	CPLCCT-LS59/11
90SNS1P11H	"F" Conn, Right Angle for Standard or Quad-Shield Cable	75	Black	CPLCCT-LS59/11
FSNS11HBNC	Universal BNC Connector for Standard or Quad-Shield Cable	75	Black	SNSUNI
FSNS11HBNCPLA	BNC Connector for Plenum Cable	75	Gray	SNSUNI
FSNS11QHBNC	BNC Connector for Quad-Shield Cable	75	Purple	SNSUNI

* RG59 and RG6 ProSNS connectors are also available in retail packaging when ordered with [Part Number]-R.

** Most industry compression tools are compatible with ProSNS connectors.

Recommended Tools



CPLCCT-SLM



CPSNSCT-596



CPLCCT-LS59/11



SNSUNI

