



## 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 to SCTE IPS-SP-401
- Cable Insertion Force: <20 lbs

## ENVIRONMENTAL PROPERTIES

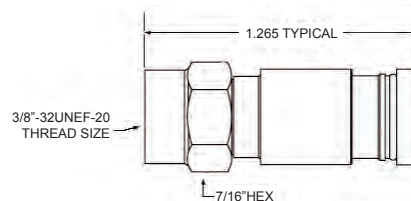
- Temperature Rating: -40°F (-40°C) to 140°F (60°C)
- Moisture Migration: Passes ANSI/SCTE 60 2004

## SNAP-N-SEAL® “F” SERIES MALE ONE-PIECE COMPRESSION CONNECTORS

Thomas & Betts 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 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.



## ORDERING INFORMATION

CATALOG NUMBER	POST I.D.	SLEEVE I.D.	SLEEVE COLOR	TOOL†	INNER PACK	OUTER PACK
<b>“F” SERIES MALE ONE-PIECE COMPRESSION CONNECTORS</b>						
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

Please ask your Thomas & Betts representative for a complete catalog of quality Thomas & Betts products or visit us at [www.tnb.com](http://www.tnb.com). For customer service, call **1-800-685-9452**. For technical questions, call **1-888-862-3289**.

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