Thomas&Betts

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 360º 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 360º 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.

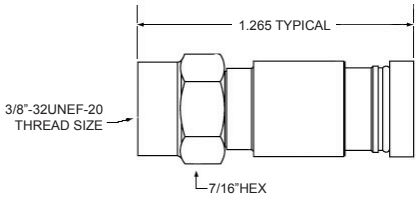
RoHS COMPLIANT

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
- 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



Ordering Information

Catalog Number	Post I.D.	Sleeve I.D.	Sleeve Color	Tool†	Inner Pack	Outer Pack
"F" Series Male One-Piece Compression Connectors						
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. For customer service, call **1-800-685-9452**. For technical questions, call **1-888-862-3289**.

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ULTIMATE™ SNAP-N-SEAL®
"F" SERIES COMPRESSION CONNECTOR

Thomas & Betts introduces the Ultimate™ Snap-N-Seal® Compression Connector. One connector for 6 Series SCTE specification drop cables including 60% braid, tri-shield and quad shield.

Look for the classic design of this Thomas & Betts 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.

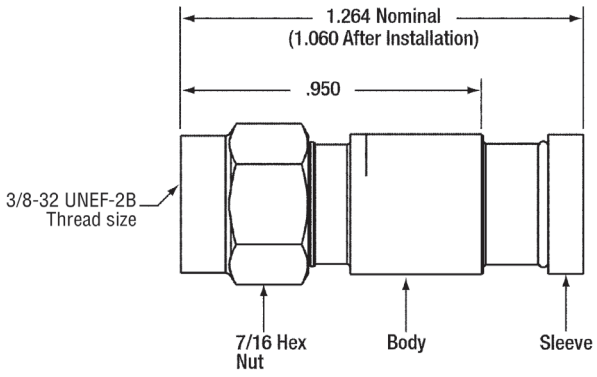
RoHS COMPLIANT

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
- Cable Retention: 40 lbs min. Complies to SCTE IPS-SP-401
- 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



ORDERING INFORMATION

CATALOG NUMBER	POST I.D.	SLEEVE I.D.	SLEEVE COLOR	TOOL†	INNER PACK	OUTER PACK
"F" SERIES COMPRESSION CONNECTOR						
SNS1P6U	.191	.293	Red	1+2 or 3	50	1000

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

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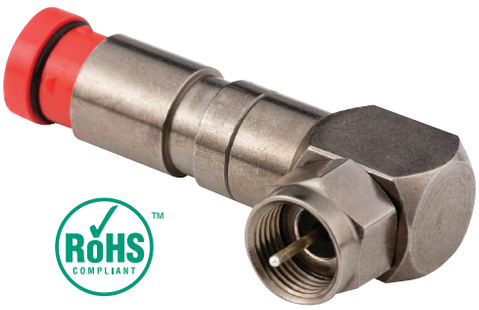


Thomas&Betts

ULTIMATE™ SNAP-N-SEAL®

Right Angle "F" Male One Piece Compression Connector

Thomas & Betts introduces the right angle Ultimate™ Snap-N-Seal® compression connector – one connector for 6 series SCTE specification drop cables including 60% braid, tri-shield and quad shield.

The 90° Ultimate™ Snap-N-Seal® connector is designed for tight fitting drop applications or situations where space is a premium.

- To reduce assembly time and simplify installations, 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 RoHS Compliant, NiTin Plating plus UV resistant plastic and O-rings to provide a reliable, environmentally sealed product.
- Cable retention exceeds 40 lb. minimum as recommended by the SCTE.

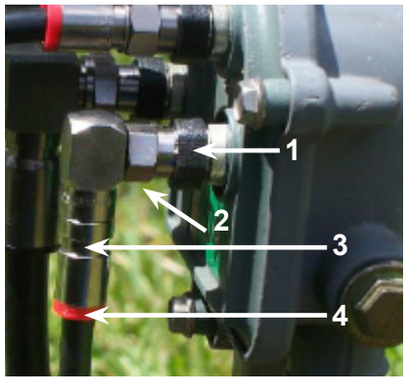
Physical Properties
- Body Components: Brass
- Nut and Collar Finish: NiTin Plated
- Post Finish: Tin Plated
- Terminal Finish: Silver Plated
- O-Ring: Ethylene Propylene

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

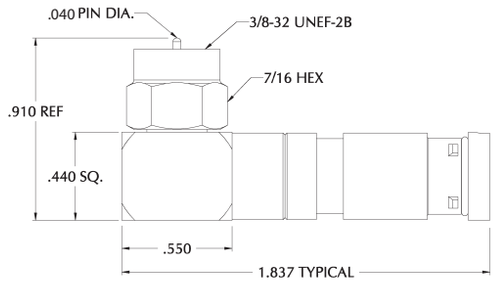
Mechanical Properties
- Cable Retention: 40 pounds minimum
- Cable Insertion Force: <20 pounds

Environmental Properties
- Temperature Rating: -40°F (-40°C) to 140°F (60°C)
- Salt Spray Exposure: Passes ASTM B 117, 1000 hours
- Moisture Migration: Passes ANSI/SCTE 60 2004

Quad-sealed System



1. Thread Protector
2. Internal O-Ring
3. Internal O-Ring
4. Plastic Sealing Sleeve



Ordering Information

Catalog Number	Post I.D.	Sleeve I.D.	Sleeve Color	Tool[1]	Inner Pack	Outer Pack
Right Angle "F" Male One Piece Compression Connector						
90SNS1P6U	.191	.315	Red	1+2	40	480

1 Tool: **1**=CST596596 or CST596711, **2**=SNSUTL

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Snap-N-Seal® "F" Series Male Environmentally Sealed Connectors for Series 59 & 6 Cables

LRC Snap-N-Seal® connectors are environmentally sealed to protect drops from harsh environments. Through a unique 360˚ compression process, Snap-N-Seal® connectors also offers the signal leakage protection required for today's systems.

Design Advantages

- Quad-sealed system prevents moisture from migrating into the connection.
- Connectors manufactured from high quality 360 brass, cadmium plated with iridescent chromate coating for maximum corrosion resistance.
- Design incorporates UV resistant plastic and O-rings providing a reliable, environmentally sealed product.
- 1/4"-1/4" cable preparation is standard.
- Multiple tool options make installation fast, easy and reliable.
- Product number is permanently stamped on connectors for easy identification.

Properties

Physical

Nut, Post and Collar: Brass CDA360
Nut and Collar Finish: Cadmium plated with iridescent chromate coating
Post Finish: Tin plated
O-Ring: Ethylene Propylene

Electrical

Return Loss: ≥ -30 dB up to 1 GHz typical
Insertion Loss: ≤ -0.18 dB up to 1 GHz typical
RFI Shielding: -95 dB typical (60% bonded foil cable)

Mechanical

Cable Retention: 40 lbs. min. Complies to SCTE IPS-SP-404

Environmental

Temperature Rating: -40˚ F (-40˚C) to 140˚ F (60˚C)

FIG. A

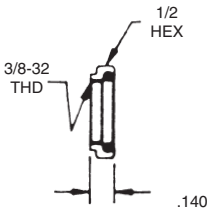


FIG. B

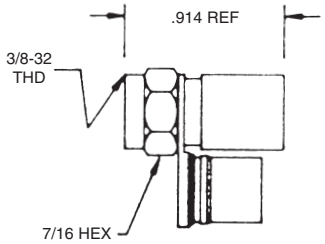


FIG. C

Ordering Information

CATALOG NUMBER	FIG.	POST I.D.	SLEEVE I.D.	SLEEVE COLOR	TOOL†	DIM A	INNER PACK	OUTER PACK
SNS59	C	.154	.253	Orange	1 or 2+3	-	50	1000
SNS59NS	B+C	.154	.253	Orange	1 or 2+3	-	50	1000
SNS59TP275	A+C	.154	.253	Orange	1 or 2+3	.275	50	500
SNS59TP450	A+C	.154	.253	Orange	1 or 2+3	.450	50	500
SNS59QS	C	.154	.275	Green	1 or 2+3	-	50	1000
SNS59QSNS	B+C	.154	.275	Green	1 or 2+3	-	50	1000
SNS59QSTP275	A+C	.154	.275	Green	1 or 2+3	.275	50	1000
SNS59QSTP450	A+C	.154	.275	Green	1 or 2+3	.450	50	500
SNS59HEC	C	.154	.290	White	1 or 2+3	-	50	1000
SNS6	C	.191	.290	Blue	1 or 2+3	-	50	1000
SNS6NS	B+C	.191	.290	Blue	1 or 2+3	-	50	1000
SNS6TP275	A+C	.191	.290	Blue	1 or 2+3	.275	50	500
SNS6TP450	A+C	.191	.290	Blue	1 or 2+3	.450	50	500
SNS6QS	C	.191	.315	Violet	1 or 2+3	-	50	1000
SNS6QSNS	B+C	.191	.315	Violet	1 or 2+3	-	50	1000
SNS6QSTP275	A+C	.191	.315	Violet	1 or 2+3	.275	50	1000
SNS6QSTP450	A+C	.191	.315	Violet	1 or 2+3	.450	50	500
SNS6PLA	C	.191	.253	Orange	1 or 2+3	-	50	1000

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

Thomas&Betts

Snap-N-Seal® "F" Series Male Environmentally Sealed Connectors for Series 7 & 11 Cables

LRC Snap-N-Seal® connectors are environmentally sealed to protect drops from harsh environments. Through a unique 360˚ compression process, Snap-N-Seal® connectors also offer the sustainable signal leakage protection required for today's systems.

Design Advantages

- Quad-sealed system prevents moisture from migrating into the connection.
- Connectors manufactured from high quality 360 brass, cadmium plated with iridescent chromate coating for maximum corrosion resistance.
- Design incorporates UV resistant plastic and O-rings providing a reliable, environmentally sealed product.
- 1/4"-1/4" cable preparation is standard.
- Product number is permanently stamped on connectors for easy identification.

Properties

Physical

Nut, Post and Collar: Brass CDA360
Nut and Collar Finish: Cadmium plated with iridescent chromate coating
Post Finish: Tin plated
O-Ring: Ethylene Propylene

Electrical

Return Loss: ≥ -30 dB up to 1 GHz typical
Insertion Loss: ≤ -0.18 dB up to 1 GHz typical
RFI Shielding: -95 dB typical (60% bonded foil cable)

Mechanical

Cable Retention: 40 lbs. min. Complies to SCTE IPS-SP-404

Environmental

Temperature Rating: -40˚ F (-40˚C) to 140˚ F (60˚C)

FIG. A

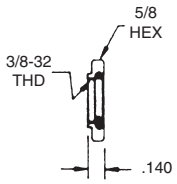


FIG. B

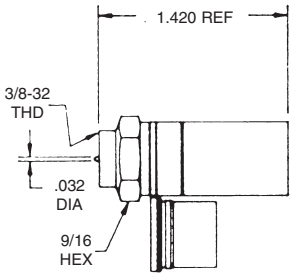


FIG. C

Ordering Information

CATALOG NUMBER	FIG.	POST I.D.	SLEEVE I.D.	SLEEVE COLOR	TOOL†	DIM A	INNER PACK	OUTER PACK
SNS7B	C	.238	.340	Black	1+2	-	36	288
SNS7BNS	B+C	.238	.340	Black	1+2	-	36	288
SNS7BTP275	A+C	.238	.340	Black	1+2	.275	36	288
SNS7BTP450	A+C	.238	.340	Black	1+2	.450	36	288
SNS7BQ	C	.238	.355	Black	1+2	-	36	288
SNS7BQNS	B+C	.238	.355	Black	1+2	-	36	288
SNS7BQTP275	A+C	.238	.355	Black	1+2	.275	36	288
SNS7BQTP450	A+C	.238	.355	Black	1+2	.450	36	288
SNS11AS	C	.295	.415	Black	1+2	-	36	432
SNS11ASNS	B+C	.295	.415	Black	1+2	-	36	432
SNS11ASTP275	A+C	.295	.415	Black	1+2	.275	36	432
SNS11ASTP450	A+C	.295	.415	Black	1+2	.450	36	432

† Tool: 1 = CST596711, 2 = L3011B

SNAP-N-SEAL®

"F" SERIES MALE INDOOR ONE-PIECE COMPRESSION CONNECTORS

Adapted from our environmentally sealed, indoor/outdoor Snap-N-Seal® line, the Indoor F Series Snap-N-Seal® compression connectors offer the same high shielding effectiveness, low insertion loss and excellent return loss specifications, but with a knurled nut design that is both unique in appearance and makes indoor installation easy for installers and subscribers.

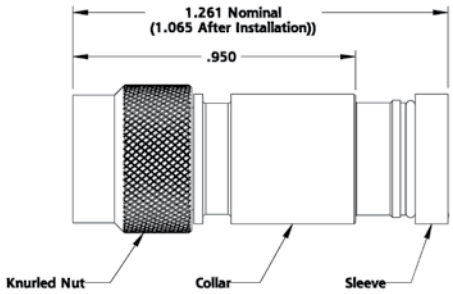
- Large 1/2" diameter knurled "subscriber friendly" nut design provides additional leverage for connections to TVs, VCRs and Set-Top Converters.
- Installation requires one-step 1/4"-1/4" cable preparation and the standard compression tools used for all 59 and 6 series Snap-N-Seal® product families, which saves time and reduces the chance for errors.
- True 360° compression onto cable ensures optimum RF shielding performance, -90 dB effective shielding (typical on a 60% braid cable), without performance degradation experienced by all crimp style products over time.
- Superb return loss performance of -30 dB up to 1GHz.
- Cable retention exceeds 40 lb. minimum as specified by the SCTE.
- Permanently stamped part numbers and color-coded sleeves for easy identification before and after installation.

PHYSICAL PROPERTIES
- Nut, Post and Collar: Brass
- Nut Finish: Gold (SNS6IG) NiTin (SNS6I)
- Collar Finish: NiTin
- Post Finish: Tin plated
- O-Ring: Ethylene Propylene

ELECTRICAL PROPERTIES
- Return Loss: -30 dB up to 1 GHz typical
- Insertion Loss: -0.18 dB up to 1 GHz typical
- RFI Shielding: -90 dB typical (60% bonded foil cable)

MECHANICAL PROPERTIES
- Cable Retention: 40 lbs. min. Complies to SCTE IPS-SP-404
- Cable Insertion Force: < 20 lbs.

ENVIRONMENTAL PROPERTIES
- Temperature Rating: -40º F (-40º C) to 140º F (60º C)



ORDERING INFORMATION

CATALOG NUMBER	POST I.D.	SLEEVE I.D.	TOOL†	SLEEVE COLOR	INNER PACK	OUTER PACK
"F" SERIES MALE INDOOR ONE-PIECE COMPRESSION CONNECTOR						
SNS6I	.191	.290	1+2	Blue	50	1000
SNS6IG	.191	.290	1+2	Blue	50	1000

†TOOL: **1** = CST596 OR CST596711, **2** = SNSUTL

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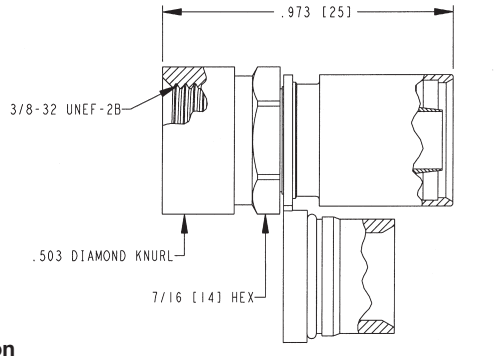
LRC® SNAP-N-SEAL®

"F" Series Male Indoor Compression Connectors

Adapted from our environmentally sealed, indoor/outdoor LRC® Snap-N-Seal® line, the Indoor F Series Snap-N-Seal® compression connectors offer the same high shielding effectiveness, low insertion loss and excellent return loss specifications, but with a knurled nut to make indoor installation easy for installers and subscribers. Connectors that are not environmentally sealed should not be used outdoors.

Design Advantages

- Large 1/2" diameter knurled "subscriber friendly" nut provides additional leverage over standard 7/16" hex nut, ensuring RF tight connections to TVs, VCRs and Set-Top Converters.
- Installer can use a standard 7/16" hex for wrench tight installations.
- Installation requires one-step 1/4"-1/4" cable preparation and the standard compression tools used for all 59 and 6 series Snap-N-Seal® product families, which saves time and reduces the chances for errors.
- True 360° compression onto cable ensures optimum RF shielding performance, -95 dB effective shielding (typical on a 60% braid cable), without performance degradation experienced by all crimp style products over time.
- Superb return loss performance of -30 dB up to 1GHz.
- Cable retention exceeds 40 lb. minimum as specified by the SCTE.
- A clear chromate finish, permanently stamped part numbers and color-coded sleeves make the connector easy to identify before and after installation.
- The indoor Snap-N-Seal® system includes jumper cable assemblies, which are the best choice for digital boxes and cable modems.



Physical Properties

Nut, Post and Collar: Brass CDA360
Nut and Collar Finish: Cadmium plated with clear chromate coating
Post Finish: Tin plated
O-Ring: Ethylene Propylene

Electrical Properties

Return Loss: -30 dB up to 1 GHz typical
Insertion Loss: -0.18 dB up to 1 GHz typical
RFI Shielding: -95 dB typical (60% bonded foil cable)

Mechanical Properties

Cable Retention: 40 lbs. min. Complies to SCTE IPS-SP-404
Cable Insertion Force: < 20 lbs.

Environmental Properties

Temperature Rating: -40˚ F (-40˚C) to 140˚ F (60˚C)

Ordering Information

CATALOG NUMBER	POST I.D.	SLEEVE I.D.	TOOL†	SLEEVE COLOR	INNER PACK	OUTER PACK
SNS59ID	.154	.253	1+2	Orange	50	1000
SNS59QSID	.154	.275	1+2	Green	50	1000
SNS59HECID	.154	.290	1+2	White	50	1000
SNS6ID	.191	.290	1+2	Blue	50	1000
SNS6QSID	.191	.315	1+2	Violet	50	1000

Order # CCDDSINDOOR LM 10/02-PDF

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Snap-N-Seal®
RCA Type Male
Compression Connectors

Extending the use of our Snap-N-Seal® technology, Thomas & Betts introduces the Snap-N-Seal® RCA connector. Designed to interface with all standard RCA female jacks and utilizing standard or tri-shield SCTE specification 6 series drop cable, this product gives the installer maximum flexibility for creating and placing audio cables in home entertainment systems.

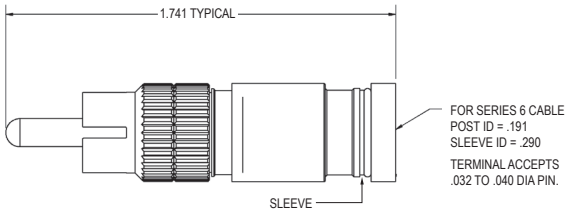
- Features Snap-N-Seal® technology for simple and reliable installations.
- Designed to interface with RCA female (JACK) per IEC Specification 60603-14.
- Cadmium plated connector body and precision integral contact provide maximum reliability.
- Installation requires one-step 1/4”-1/4” cable preparation and standard compression tools used for all 59 and 6 series Snap-N-Seal® product families.
- Color coded sleeves based on industry standards for RCA connector applications.

Physical Properties
- Body Components: Brass
- Body Finish: NiTin
- Terminal/contact: Brass Berillium Copper
- Insulators: TPX

Electrical Properties
- Return Loss: -30 dB up to 20 MHz Typical
- Insertion Loss: -0.05 dB up to 20 MHz Typical
- RFI Shielding: -120 dB up to 20 MHz Typical

Mechanical Properties
- Cable Retention : 40 lbs min. Complies to SCTE IPS-SP-404
- Cable Insertion Force: <20 lbs

Environmental Properties
- Temperature Rating: -40˚F (-40˚C) to 140˚F (60˚C)



Ordering Information

Catalog Number	Sleeve Color	Tool†	Inner Pack	Outer Pack
RCA-Type Male Compression Connectors				
SNS1P6RMBL	Blue	1+2	36	432
SNS1P6RMY	Yellow	1+2	36	432
SNS1P6RMW	White	1+2	36	432
SNS1P6RMR	Red	1+2	36	432
SNS1P6RMG	Green	1+2	36	432
SNS1P6RMBK	Black	1+2	36	432

†Tool: **1** = CST596 or CST596711 **2** = SNSUTL

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SNAP-N-SEAL® ONE-PIECE BNC COMPRESSION CONNECTORS

These connectors are designed for applications using Series 59, Series 59 Quad Shield, Series 6 and Series 6 Quad Shield SCTE specification coaxial cables. In addition the 59 Series BNC connectors are designed for applications using specific Broadband Headend cables and Digital Video cables.

- High performance, 75 ohm Snap-N-Seal® BNC Male connectors feature precision coaxial contacts for demanding bandwidth applications.
- True 360 degree compression onto cable ensures optimum RF shielding performance, -65dB effective shielding.
- BNC Male Plug interface is designed to nominal Mil Spec C-39012 with 75 ohm characteristic impedance.
- Integral silver-plated contact and Snap-N-Seal® design ensures ease of installation and reliable, high frequency return loss performance of -30dB to 1 GHz.
- 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, saving installation time.

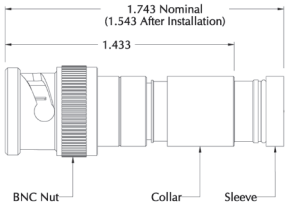
RoHS COMPLIANT

PHYSICAL PROPERTIES
- Body Components: Brass
- Body Finish: Nickel
- Nut: Zinc alloy with Nickel plate
- Terminal/Contact: Beryllium Copper with Silver plate
- Insulators: TPX
- O-Rings: Ethylene propylene

ELECTRICAL PROPERTIES
- Return Loss: -30 dB up to 1 GHz typical
- Insertion Loss: -0.2 dB up to 1 GHz typical
- RFI Shielding: -65 dB typical

MECHANICAL PROPERTIES
- Cable Retention: 40 lbs min. complies to SCTE IPS-SP-404
- Cable Insertion Force: <20 lbs

ENVIRONMENTAL PROPERTIES
- Temperature Rating: -40°F (-40°C) to 140°F (60°C)



ORDERING INFORMATION

CATALOG #	CABLE TYPES	CENTER COND DIA RANGE	POST I.D.	SLEEVE I.D.	SLEEVE COLOR	TOOL†	INNER PACK	OUTER PACK
BNC COMPRESSION CONNECTORS								
SNS1P59BNC	RG59 Belden 1505A Serial Digital Video Cable Belden 9167 Broadband Headend Cable Belden 9275 Belden 8241	.022 to .036	.154	.253	Orange	1+2	10	50
SNS1P59QSBNC	RG59QS	.022 to .042	.154	.275	Green	1+2	10	50
SNS1P6BNC	RG6	.032 to .040	.191	.290	Blue	1+2	10	50
SNS1P6QSBNC	RG6QS	.032 to .040	.191	.315	Violet	1+2	10	50
SNS1P6UBNC	Fits most RG6 and RG6QS coaxial cables	.032 to .040	.191	.293	Red	1+2	10	50
SNS1P59HECBNC	Commscope F59 HEC-2 Times Fiber 02240V Times Fiber 02241V Commscope S59 HEC	.022 to .036	.154	.290	White	1+2	10	50

†TOOL: **1** = SNSUTL, **2** = CST596711 OR CST596

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

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Snap-N-Seal One Piece BNC Connector to Cable Cross Reference

Cable Manufacturer	Cable Name/Number	SNS1P59BNC	SNS1P59QSBNC	SNS1P6BNC	SNS1P6QSBNC	SNS1P6UBNC	SNS1P59HECBNC
Belden	1505A Serial Digital Video Cable	Y					
Belden	8241	Y					
Belden	9167 Broadband Headend Cable	Y					
Belden	9275	Y					
Commscope	F59 HEC-2						Y
Commscope	S59 HEC						Y
Genesis	5001	Y					
Genesis	5002			Y			
Genesis	5003			Y			
Genesis	5006	Y					
Genesis	5007				Y		
Genesis	5013	Y					
Genesis	5302			Y			
Times Fiber	02240V						Y
Times Fiber	02241V						Y

Note: For Cable TV Market Applications

SCTE specification Series 59 coaxial cables	Y					
SCTE specification Series 59 quad shield coaxial cables		Y				
SCTE specification Series 6 coaxial cables			Y		Y	
SCTE specification Series 6 quad shield coaxial cables				Y	Y	
SCTE specification Series 59 headend coaxial cables						Y

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Thomas&Betts

Snap-N-Seal®

BNC, RCA & F Male Compression Connectors for HDTV and Precision Video Cable

Extending the use of our Snap-N-Seal® technology, Thomas & Betts introduces BNC, RCA and F Male compression connectors designed for use in Headend and jumper applications on HDTV and precision video cables.

With space at a premium and the exacting demands of digital television, using a Snap-N-Seal connector in conjunction with precision HDTV cable will help with your wire management needs.

- Simple, quick installation using the standard SNSUTL Snap-N-Seal installation tool and CSTMV596 cable stripping tool
- Nearly 2 decades of proven compression connector experience incorporated in a design for use in HDTV and headend applications
- True 360 degree compression onto cable ensures superior RF shielding performance
- To reduce assembly time and simplify installation, the plastic sleeve is pre-positioned and detachably coupled to the connector body
- The BNC male plug interface is designed to nominal Mil Spec C-39012 with 75 ohm characteristic impedance
- The RCA type connector is designed to interface with standard RCA-type female jacks
- Connectors fit SCTE specification mini cables for standard braid

Properties

BNC
- Body: Nickel plated Brass
- BNC Nut: Nickel plated Zinc Alloy
- Terminal Contact: Silver plated Beryllium Copper
- Insulators: TPX
- Return Loss: -30 dB up to 1 GHz typical
- Insertion Loss: -0.3 dB up to 1 GHz typical
- RFI Shielding: -60 dB typical (60% + bonded foil)

RCA
- Body: NiTin plated Brass
- RCA Interface: Decorative Gold plated Brass
- Terminal Contact: Silver plated Beryllium Copper
- Insulators: TPX
- Return Loss: -30 dB up to 20 MHz typical
- Insertion Loss: -0.3 dB up to 20 MHz typical
- RFI Shielding: -65 dB typical (60% + bonded foil)

F Male
- Nut & Collar: NiTin plated Brass
- Return Loss: -30 dB up to 1 GHz typical
- Insertion Loss: -0.3 dB up to 1 GHz typical
- RFI Shielding: -80 dB typical (60% + bonded foil)

Properties (typical to BNC, RCA & F Male)
- Post: Tin plated Brass
- Cable Insertion Force: 20 lbs. maximum
- Cable Retention Force: 40 lbs. minimum
- Temperature Rating: -40°F(-40°C) to 140°F(60°C)

Application: Cables meeting SCTE Specification IPS SP 009 for single braid, tri-shield or quad-shield flexible 75 ohm mini series cable, or equivalent.

Ordering Information

Catalog Number	Connector Type	Sleeve Color	Install Tool	Cable Preparation Tool	Inner Pack	Outer Pack
Snap-N-Seal® BNC, RCA & F Male Compression Connectors for HDTV and Precision Video Cable						
SNSBNCMB	BNC	Black	SNSUTL	1, 2 or 3	50	500
SNSRMB	RCA	Black	SNSUTL	1, 2 or 3	50	500
SNSFMB	F Male	Black	SNSUTL	1, 2 or 3	50	500
SNSBNCMTQ	BNC	White	SNSUTL	1, 2 or 3	50	500
SNSRMTQ	RCA	White	SNSUTL	1, 2 or 3	50	500
SNSFMTQ	F Male	White	SNSUTL	1, 2 or 3	50	500

1 Tool: **1**=CSTMV596 **2**=CST596711MV **3**=CST596596MV

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

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Data Sheet # CDS-SNSMINIFAM

Snap-N-Seal®
Environmentally Sealed Splice Connectors

With its integral center contact, the Thomas & Betts Snap-N-Seal® Splice Connector ensures reliable, high frequency return loss performance for midspan and direct burial drop splices.

Snap-N-Seal® Splice Connectors use the same proven 360° compression design, installation tools and procedures as other Snap-N-Seal® products.

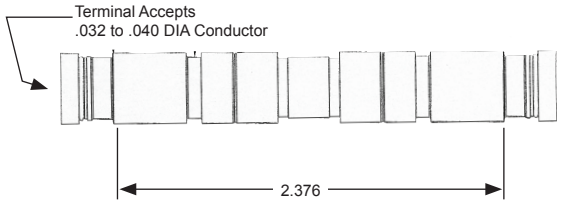
- To reduce assembly time and simplify installation, the plastic sleeve is pre-positioned and detachably coupled to the connector body
- True 360° compression onto cable ensures superior RF shielding performance, -90 dB effective shielding (typical on 60% bonded foil cable)
- Installation requires one-step 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
- Six-point seal 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
- For direct burial applications, recommend Shrink-Kon® heat shrink tubing #HS12-6L or Kold-N-Klose® sleeve material #TBT2010

Physical Properties
- Body: NiTin plated Brass
- Post: Tin plated Brass
- Terminal Contact: Tin plated Copper Alloy
- Insulators: Polypropylene
- O-Rings: Ethylene Propylene

Electrical Properties
- Return Loss: -12 dB up to 1 GHz typical
- Insertion Loss: -0.18 dB up to 1 GHz typical
- RFI Shielding: -90 dB typical (60% + bonded foil)

Mechanical Properties
- Cable Insertion Force: 20 lbs. maximum
- Cable Retention Force: 40 lbs. minimum per SCTE IPS-SP-401

Environmental Properties
- Temperature Rating -40°F(-40°C) to 140°F(60°C)
- Salt Fog: Passes 1000 hours ASTM B 117
- Moisture Migration: Passes ANSI/SCTE 60 2004



Ordering Information

Catalog Number	Post I.D.	Sleeve I.D.	Sleeve Color	Tool†	Inner Pack	Outer Pack
Environmentally Sealed Splice Connectors						
81SNS1P59	.154	.257	Orange	1+2	20	240
81SNS1P59QS	.154	.275	Green	1+2	20	240
81SNS1P6U	.191	.293	Red	1+2	20	240
81SNS1P6	.191	.290	Blue	1+2	20	240
81SNS1P6QS	.191	.315	Violet	1+2	20	240

†TOOL: 1 = CST596 OR CST596711, 2 = SNSUTL

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

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Snap-N-Seal® Environmentally Sealed Precision-Splice Connectors

Snap-N-Seal® Precision Splice Connectors use the same proven 360° compression design, installation tools and procedures as other Snap-N-Seal® products. With its precision integral center contact, the Snap-N-Seal® Precision Splice Connector ensures reliable, high frequency return loss performance for midspan and direct burial drop splices.

Design Advantages

- Precision coaxial contact provides superior signal performance.
- Standard one-step 1/4" - 1/4" cable preparation.
- True 360° compression for superior RF Shielding performance.
- Superb return loss performance of -30 dB up to 1GHz.
- Cable retention exceeds 40 lb. minimum as specified by the SCTE.
- Permanently stamped part numbers and color coded O-rings for easy identification.
- Moisture prevention, not just protection.

Properties

Physical

Body, Post and Collar: Brass CDA360
Body and Collar Finish: Cadmium plated with iridescent chromate coating
Post Finish: Tin plated
O-Ring: Ethylene Propylene

Electrical

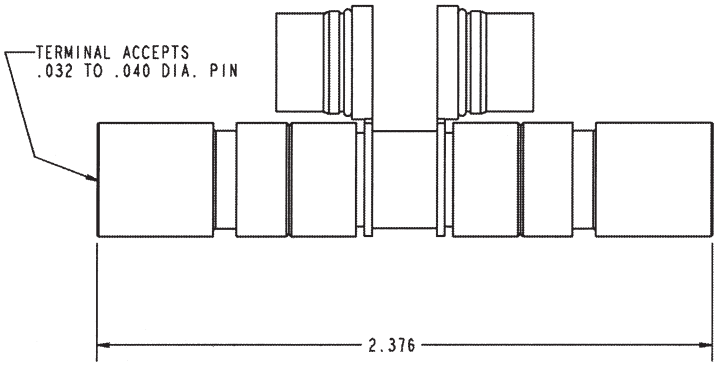
Return Loss: -30 dB up to 1 GHz typical
Insertion Loss: -0.27 dB up to 1 GHz typical
RFI Shielding: -95 dB typical (60% bonded foil cable)

Mechanical

Cable Retention: 40 lbs. min. Complies to SCTE IPS-SP-404
Cable Insertion Force: <20 lbs.

Environmental

Temperature Rating: -40° F (-40°C) to 140° F (60°C)

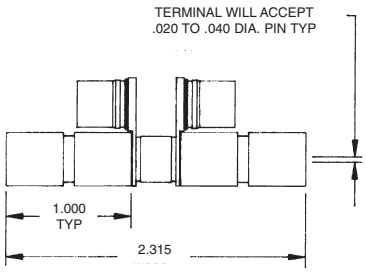


Ordering Information

CATALOG NUMBER	POST I.D.	SLEEVE I.D.	SLEEVE COLOR	TOOL†	INNER PACK	OUTER PACK
81SNS59K	.154	.253	Orange	1+2	20	240
81SNS59QSK	.154	.275	Green	1+2	20	240
81SNS6K	.191	.290	Blue	1+2	20	240
81SNS6QSK	.191	.315	Violet	1+2	20	240

†Tool: 1 = CST596 or CST596711, 2 = SNSUTL

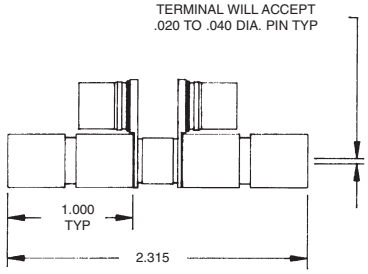
Snap-N-Seal® Splice



Ordering Information

CATALOG NUMBER	RETURN LOSS	INSERTION LOSS	RFI	POST I.D.	SLEEVE I.D.	SLEEVE COLOR	TOOL†	INNER PACK	OUTER PACK
81SNS59	-13.5dB	-.7dB	-95dB	.154	.253	Orange	1+2	20	240
81SNS59QS	-13.5dB	-.7dB	-95dB	.154	.275	Green	1+2	20	240
81SNS6	-13.5dB	-.7dB	-95dB	.191	.290	Blue	1+2	20	240
81SNS6QS	-13.5dB	-.7dB	-95dB	.191	.315	Violet	1+2	20	240

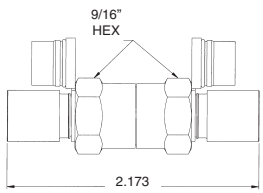
Snap-N-Seal® Splice, Delta



Ordering Information

CATALOG NUMBER	RETURN LOSS	INSERTION LOSS	RFI	POST I.D.	SLEEVE I.D.	SLEEVE CODE	TOOL†	INNER PACK	OUTER PACK
81SNS5959QS	-13.5dB	-.7dB	-95dB	.154	.253 (59)/.275 (59QS)	Orange(59)/Green(59QS)	1+2	20	240
81SNS596QS	-13.5dB	-.7dB	-95dB	.154(59)/.191(6QS)	.253(59)/.315(6QS)	Orange(59)/Violet(6QS)	1+2	20	240
81SNS659	-13.5dB	-.7dB	-95dB	.191(6)/0.154(59)	.290(6)/.253(59)	Blue(6)/Orange(59)	1+2	20	240
81SNS659QS	-13.5dB	-.7dB	-95dB	.191(6)/.154(59QS)	.290(6)/.275(59QS)	Blue(6)/Green(59QS)	1+2	20	240
81SNS66QS	-13.5dB	-.7dB	-95dB	.191	.290(6)/.315(6QS)	Blue(6)/Violet(6QS)	1+2	20	240
81SNS6QS59QS	-13.5dB	-.7dB	-95dB	0.191(6QS)/0.154(59QS)	0.315(6QS)/0.275(59QS)	Violet(6QS)/Green(59QS)	1+2	20	240

Snap-N-Seal® Splice, Auto Seize



Ordering Information

CATALOG NUMBER	RETURN LOSS	INSERTION LOSS	RFI	POST I.D.	SLEEVE I.D.	SLEEVE COLOR	TOOL†	INNER PACK	OUTER PACK
SNS8159AS	-13.5dB	-.7dB	-95dB	.154	.253	Orange	1+2	20	240
SNS816AS	-13.5dB	-.7dB	-95dB	.191	.290	Blue	1+2	20	240

†Tool: 1 = CST596 or CST596711, 2 = SNSUTL

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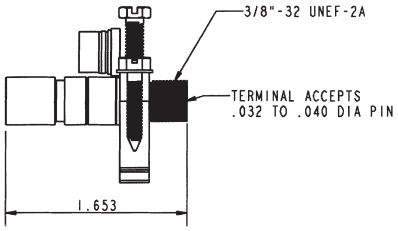
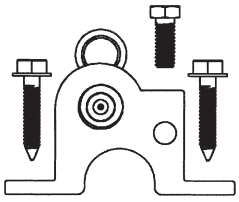
Snap-N-Seal® Precision Ground Block

Snap-N-Seal® Precision Ground Blocks use the same proven 360° compression design, installation tools and procedures as other Snap-N-Seal® products. With its precision integral center contact, the Snap-N-Seal® Precision Ground Block ensures reliable, high frequency return loss performance for ground block and MDU grounding applications.

Design Advantages

- Precision coaxial contact provides superior signal transmission.
- Standard one-step 1/4" - 1/4" cable preparation.
- True 360° compression for optimum performance.
- Superb return loss performance of -30 dB to 1GHz.
- Cable retention exceeds 40 lb. minimum as specified by the SCTE.
- Permanently stamped part numbers and color coded sleeves for easy identification before and after installation.
- Will accept up to 6 gauge ground wire.





Ordering Information

CATALOG NUMBER	POST I.D.	SLEEVE I.D.	SLEEVE COLOR	TOOL†	INNER PACK	OUTER PACK
GB59SNSK	.154	.253	Orange	1+2	25	300
GB59QSNSK	.154	.275	Green	1+2	25	300
GB6SNSK	.191	.290	Blue	1+2	25	300
GB6QSNSK	.191	.315	Violet	1+2	25	300

Properties

Physical

Connector Post and Collar: Brass CDA360
Connector Body and Collar Finish: Cadmium plated with iridescent chromate coating
Connector Post Finish: Tin plated
Connector O-Ring: Ethylene Propylene
Grounding Block: Aluminum with clear chromate coating
Ground Screw: Steel, zinc plated with green chromate coating per NEC
Mounting Screws(2): Stainless Steel

Electrical

Return Loss: -30 dB up to 1 GHz typical
Insertion Loss: -0.27 dB up to 1 GHz typical
RFI Shielding: -85 dB typical (60% bonded foil cable)

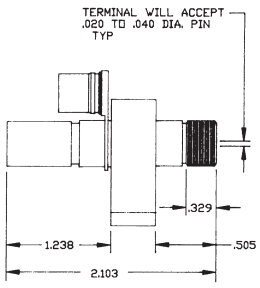
Mechanical

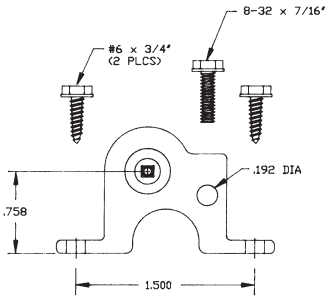
Cable Retention: 40 lbs. min. Complies to SCTE IPS-SP-404
Cable Insertion Force: <20 lbs.

Environmental

Temperature Rating: -40° F (-40°C) to 140° F (60°C)

Snap-N-Seal® Ground Block





Ordering Information

CATALOG NUMBER	RETURN LOSS	INSERTION LOSS	RFI*	POST I.D.	SLEEVE I.D.	SLEEVE COLOR	TOOL†	INNER PACK	OUTER PACK
GB59SNS	-13.5dB	-.7dB	-95dB	.154	.253	Orange	1+2	25	350
GB59QSNS	-13.5dB	-.7dB	-95dB	.154	.275	Green	1+2	25	350
GB6SNS	-13.5dB	-.7dB	-95dB	.191	.290	Blue	1+2	25	350
GB6QSNS	-13.5dB	-.7dB	-95dB	.191	.315	Violet	1+2	25	350

†Tool: 1 = CST596 or CST596711, 2 = SNSUTL

All Supplied Screws Have Slotted - 1/4" Hex Combination Head

*RFI Shielding - using 60% braid cable.

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Snap-N-Seal® Headend, Cable to "F" Female Precision Connector

The Snap-N-Seal® headend, cable to "F" female precision connector is designed for use in space-limited applications such as Headend Video Combiners. It is a single connector, thus eliminating the need for separate "F" male and panel mount "F" splice connectors.

Specifically designed for applications using CommScope® series F59HEC-2 Headend Cable or Times Fiber Communications, Inc. 02240V and 02241V Headend Cables.

Design Advantages

- Incorporates silver plated precision center contact providing high frequency performance.
- Superb Return Loss performance of -30dB up to 1 GHz.
- Extended panel mount thread length of .458" allows for thick panel mounting.
- 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, saving installation time.
- Optional panel mounting hardware includes Lock Washer 6155LW or Flat Washer 6155 plus 1/2" Hex Panel Nut 6150.

Properties

Physical

Post, Collar, and Body: Brass CDA360
Collar, and Body Finish: Cadmium with Iridescent Chromate Coating
Post Finish: Tin Plated
Sleeve: Delrin
O-Rings: Ethylene Propylene
Insulators: TPX
Contacts: Beryllium Copper with Silver Plate

Electrical

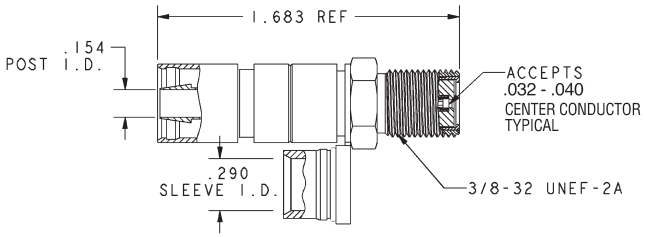
Return Loss: -30 dB up tp 1 GHz typical
Insertion Loss: -0.3 dB up to 1 GHz typical
RFI Shielding: -95 dB typical

Mechanical

Cable Retention: 40 lbs. Min. Complies to SCTE IPS-SP-404
Cable Insertion Force: <20 lbs.

Environmental

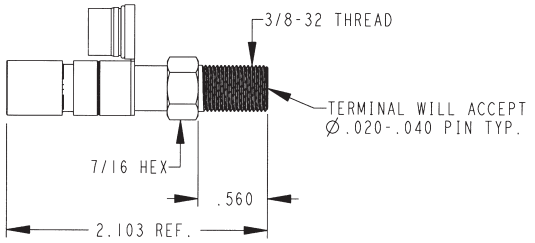
Temperature Rating: -40°F (-40°C) to 140°F (60°C)



Ordering Information

CATALOG NUMBER	POST I.D.	SLEEVE I.D.	SLEEVE COLOR	TOOL†	DIM A	DIM B	INNER PACK	OUTER PACK
SNS6KF81	.191	.290	Blue	1 + 2	.379	1.554	36	432
SNS59HECKF81	.154	.290	White	1+2	.458	1.683	20	240

Snap-N-Seal® Cable to "F" Female Connector



Ordering Information

CATALOG NUMBER	RETURN LOSS	INSERTION LOSS	RFI*	POST I.D.	SLEEVE I.D.	SLEEVE COLOR	TOOL†	INNER PACK	OUTER PACK
SNS59FF	-13.5dB	-.7dB	-95dB	.154	.253	Orange	1+2	20	240
SNS59QSFF	-13.5dB	-.7dB	-95dB	.154	.275	Green	1+2	20	240
SNS6FF	-13.5dB	-.7dB	-95dB	.191	.290	Blue	1+2	50	1000
SNS6QSFF	-13.5dB	-.7dB	-95dB	.191	.315	Violet	1+2	20	240

†Tool: 1 = CST596 or CST596711, 2 = SNSUTL

*RFI Shielding - using 60% braid cable.

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Snap-N-Seal® Accessories

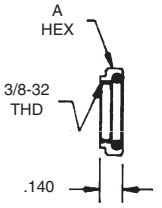


FIG. A

FIG. B

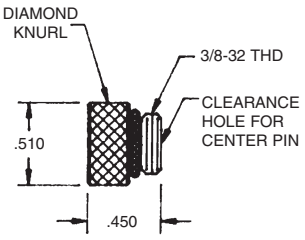
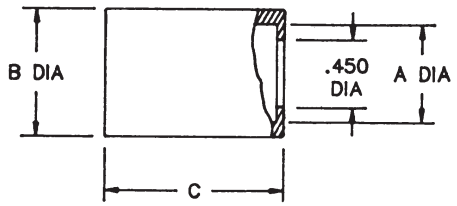


FIG. C

Ordering Information

CATALOG NUMBER	FIG.	DESCRIPTION	USE	DIM A	INNER PACK	OUTER PACK
NS500	A	Nut Seal	All 59 & 6 Connectors	1/2	50	15000
NS625	A	Nut Seal	All 7 & 11 Connectors	5/8	36	5400
TP275	B	Thread Protector	3/8 Threaded Ports	.275	50	2500
TP450	B	Thread Protector	3/8 Threaded Ports	.450	50	2500
SNS375P	C	Weather Plug	All “F” Male Connectors	-	50	2000

Snap-N-Seal® Security Shield



Ordering Information

CATALOG NUMBER	MATERIAL	TOOL	DIMENSION A	DIMENSION B	DIMENSION C	INNER PACK	OUTER PACK
FCSSNS	Plastic	SSTSNS	.658	.858	1.230	50	800
FCSSNS11	Plastic	SSTSNS11	.803	.995	1.766	25	400

TP275

TP450

Thread Protectors

Thomas & Betts thread protectors provide an environmental weather seal for all “F” male connectors in outdoor applications. Thread protectors provide a superior moisture and RF seal for a quality connection to any “F” port.

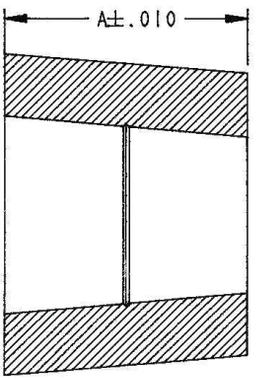
- Prevents moisture migration from damaging the connector interface
- UV and Ozone resistant for a reliable environmental seal
- No tools required for installation
- Passes Bellcore GR-1503-CORE, Chemical Resistance for Outdoor Connectors

Physical Properties

- Material: Advanced Polyvinyl Chloride Polymer

Mechanical Properties

- Brittleness Point: -125º F (-87º C)
- Tensile Strength: 1,170 psi
- Chemical Test: Bellcore GR-1503-CORE
- Moisture Migration: Passes SCTE IPS-TP-013 (double ended test)



Ordering Information

Catalog #	Description	Dim A (Inches)	Inner Pack	Outer Pack
Thread Protectors				
TP275	Thread Protector - short “F” ports	.275	50/bag	2500
TP450	Thread Protector - long “F” ports	.450	50/bag	2500

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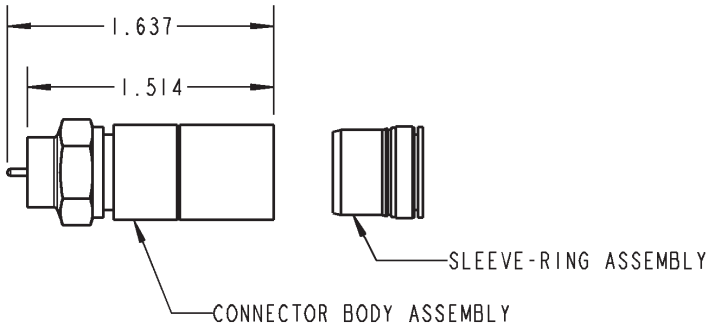
Snap-N-Seal®
"F" Connector for CommScope QR® 320

Thomas & Betts Snap-N-Seal® QR320 connector is designed for SDU/MDU applications and can be installed on either flooded or non-flooded QR 320 cables. This connector features a non-metallic post, which reduces craft sensitivity of the cable to connector interface.

- Featuring Snap-N-Seal® technology for consistent, reliable connections
- Integral precision Auto Seize® technology enables good contact with the center conductor
- True 360º compression onto cable ensures superior environmental seal
- Cable preparation requires the use of cable coring tools (7/16" center conductor exposure, 3/8" aluminum sheath exposure, 9/16" core)
- Easy and quick to install with standard compression tools used for Snap-N-Seal 7 & 11 Series product families
- Quad sealed system prevents moisture migration



Physical Properties
- Body: Brass
- Body Finish: Nickel-Tin
- Terminal Contact: Brass with Tin Plate

Electrical Properties
- Insulation Resistance: >5000 mega-ohms @ 100 VDC
- Dielectric Strength: Complies to Bellcore GR-2846-Core, Generic Requirements for Coaxial Distribution Connectors (1Kv RMS for 1 minute)
- Return Loss: -30dB Typical
- Insertion Loss: -.3 dB Typical
- RFI Shielding: -92dB Typical

Mechanical Properties
- Cable Retention: >100 LBS

Environmental Properties
- Temperature Rating: -40º F (-40º C) to 140º F (60º C)
- Salt Fog: Passes 1000 hours ASTM B 117
- Moisture Migration: Passes ANSI/SCTE 60 2004

Ordering Information

Catalog Number	Description	Tools†	Inner Pack	Outer Pack
"F" Connector for CommScope QR® 320				
SNS320QR	Snap-N-Seal® for CommScope QR® 320 Flooded and Non Flooded Cable	1 + 2	36	288

†Tool: **1** = CSTSNS320 **2** = L3011B

QR is a registered trademark of CommScope Inc.

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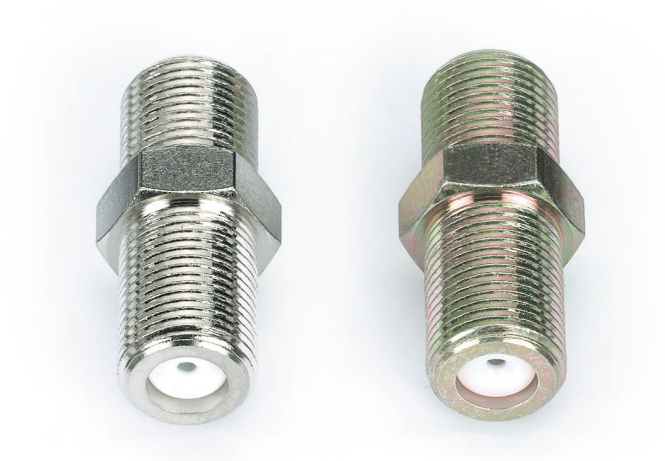


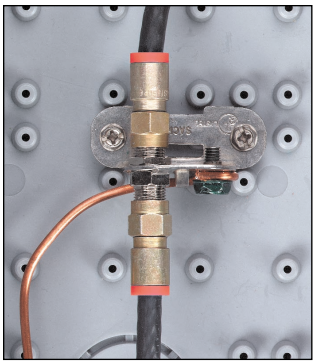
LRC®

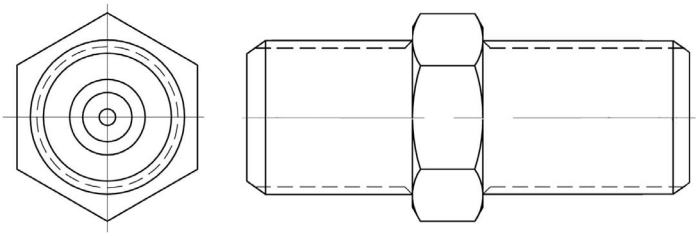
Precision F81 Connectors

Thomas & Betts LRC precision F81 connectors are high performance splice connectors designed for the demands of today's broadband networks. These connectors provide increased return loss performance up to 4 GHz and have a large, captive pin contact area for greater reliability.

Design Features

- Operate over a wide variety of frequencies (DC to 3 GHz)
- High return loss – meets requirements for DBS (Direct Broadcast Satellite) and exceeds SCTE minimum specification
- Flat port ends on both sides per SCTE specifications for flatness and aperture
- Multi-point seizing pin enables lower contact resistance and higher current handling capability
- Beryllium copper seizing pin insures a greater holding force and maintains a higher spring tension over repetitive insertions
- Accepts a wide range of cable center conductor sizes





Technical Specification

Physical Properties

Body Components: Brass
Body Finish: Nickel
Seizing Pin: Beryllium Copper

Electrical Properties

Frequency Range: DC-3 GHz
Return Loss: >35 dB (1 GHz)
>30 dB (2 GHz)
>26 dB (3 GHz)
Insertion Loss: <0.1 dB (1 GHz)
<0.2 dB (2 GHz)
<0.3 dB (3 GHz)
Contact Resistance: <10 milli-ohms

Mechanical Properties

Holding Force: >180 grams (Initial)
>120 grams*
Threads: 3/8-32 UNEF
Max Tightening: 50 in-lbs

*after 50 insertions of RG6

Ordering Information

CATALOG NUMBER	CONNECTOR TYPE	INNER PACK	OUTER PACK
KF81D	Precision F81	100	2000
KF81DI	Precision F81 with Iridescent Coating	100	2000

Order # CDS-LRCF81 08/04 23D/LM PDF

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LRC®

One-Piece Attenuator Pads

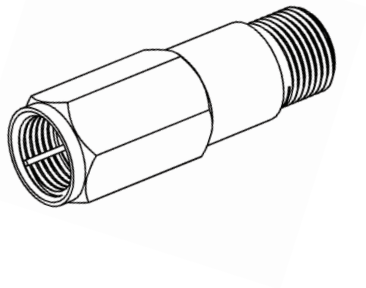
Thomas & Betts one-piece LRC® in-line Attenuator Pads are designed for applications including RF attenuation for Set Top Boxes and VoIP/Cable Modems. These attenuators reduce RF signal strength, which in turn reduces RF signal overload and intermodulation caused by high input levels.

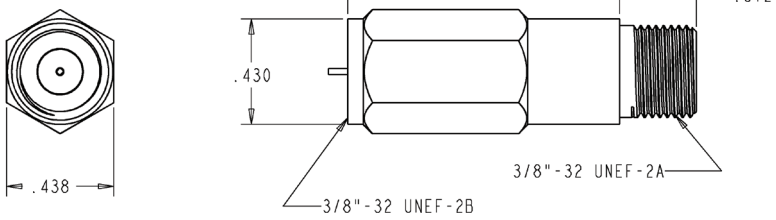
- Attenuation flatness within ±0.5 dB from 5 MHz to 1 GHz (20 dB Attenuation ±0.7 dB)
- Cadmium Chromate plated Brass Body and Silver plated Beryllium Copper Seizing contact (Seizing Contact retention 20 grams minimum)

Physical Properties
- Body Components: Brass
- Body Finish: Iridescent Chromate over Cadmium
- Seizing Pin: Phosphorus Bronze with Silver Plating
- Pin Finish: Beryllium Copper with Silver Plating

Electrical Properties
- Attenuation:
  AP1FM - 1 dB +/- .5 dB
  AP3FM - 3 dB +/- .5 dB
  AP6FM - 6 dB +/- .5 dB
  AP8FM - 8 dB +/- .5 dB
  AP10FM - 10 dB +/- .5 dB
  AP20FM - 20 dB +/- .7 dB

Mechanical Properties
- Retention Force of Female Contact: 20 grams minimum





Ordering Information

Catalog #	Connector Type	Inner Pack	Outer Pack
LRC® One-Piece Attenuator Pads			
AP1FM	One-Piece Attenuator Pad 1 dB	24/box	288
AP3FM	One-Piece Attenuator Pad 3 dB	24/box	288
AP6FM	One-Piece Attenuator Pad 6 dB	24/box	288
AP8FM	One-Piece Attenuator Pad 8 dB	24/box	288
AP10FM	One-Piece Attenuator Pad 10 dB	24/box	288
AP20FM	One-Piece Attenuator Pad 20 dB	24/box	288

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LRC®

Two-Piece Attenuator Pads

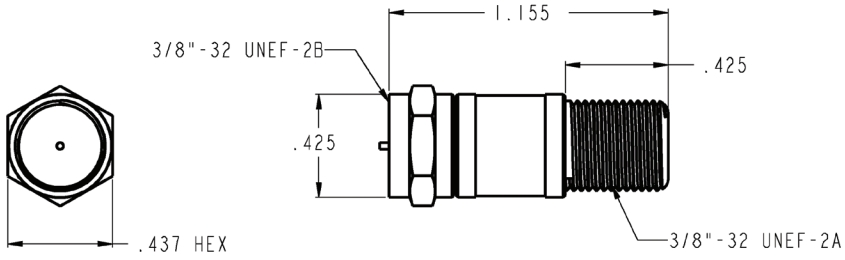
Thomas & Betts two-piece LRC® in-line Attenuator Pads are designed for applications including RF attenuation for Set Top Boxes and VoIP/Cable Modems. These attenuators reduce RF signal overload and intermodulation caused by high input levels.

- Attenuation flatness within ±0.5 dB from 5 MHz to 1 GHz (20 dB Attenuation ±0.7 dB)
- Nickel plated Brass Body and Tin Plated Beryllium Copper Seizing Contact (Seizing Contact retention 20 grams minimum)

Physical Properties
- Body Components: Brass
- Body Finish: Nickel
- Seizing Pin: Beryllium Copper
- Pin Finish: Tin

Electrical Properties
- Attenuation:
  FMAP3 - 3 dB +/- .5 dB
  FMAP6 - 6 dB +/- .5 dB
  FMAP8 - 8 dB +/- .5 dB
  FMAP10 - 10 dB +/- .5 dB
  FMAP20- 20 dB +/- .7 dB

Mechanical Properties
- Retention Force of Female Contact: 20 grams minimum



Ordering Information

Catalog #	Connector Type	Inner Pack	Outer Pack
LRC® Two-Piece Attenuator Pads			
FMAP3	Attenuator Pad 3 dB	5	600
FMAP6	Attenuator Pad 6 dB	5	600
FMAP8	Attenuator Pad 8 dB	5	600
FMAP10	Attenuator Pad 10 dB	5	600
FMAP20	Attenuator Pad 20 dB	5	600

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CST596596

CSTMV596

CST596711

CST596711MV

CST596596MV

Snap-N-Seal®
Cable Preparation Tools

Thomas & Betts' cable preparation tools provide a reliable and effective method to prepare coaxial cable. Color-coded blade modules housed in one tool allow for preparation of a range of cable sizes.

- Consistent one-step cable preparation
- Compatible with all Snap-N-Seal® connectors
- Color-coded replacement blades available
- Built-in storage area for the unused blade module
- High strength polymer tool body
- Ergonomically designed to fit the hand
- Finger loop for easy cable preparation

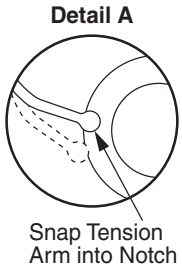


FIG A

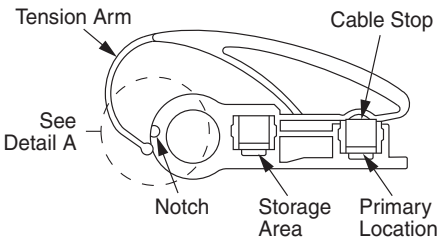
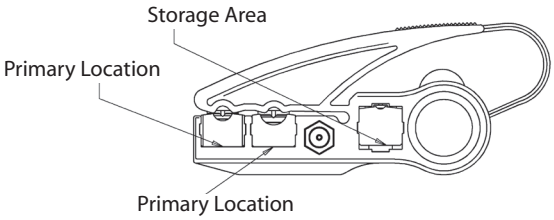


FIG B



Ordering Information

Catalog #	Description	Figure	Blade Module Color	Cable Size	Inner Pack
Cable Preparation Tools					
CST596596	Cable preparation tool with 2 blade modules for preparation of Series 59/6 coaxial cables	A	Black	Series 59 & 6	1
CSTMV596	Cable preparation tool with 2 blade modules for preparation of Series 59/6 and mini video coaxial cables*	A	Black Green	Series 59 & 6 Mini Video*	1
CST596711	Cable preparation tool with 2 blade modules for preparation of Series 59/6/7 & 11 coaxial cables	A	Black Gray	Series 59 & 6 Series 7 & 11	1
CST596711MV	Cable preparation tool with 3 blade modules for preparation of Series 59/6/7/11 and mini video coaxial cables*	B	Black Gray Green	Series 59 & 6 Series 7 & 11 Mini Video*	1
CST596596MV	Cable preparation tool with 3 blade modules for preparation of Series 59/6 and mini video coaxial cables*	B	Black Black Green	Series 59 & 6 Series 59 & 6 Mini Video*	1
Blade Modules					
RC596	Replacement blade module	N/A	Black	Series 59 & 6	10
RCMV	Replacement blade module	N/A	Green	Mini Video*	10
RC711	Replacement blade module	N/A	Gray	Series 7 & 11	10

* For use with CommScope 7538 HDTV and Belden 1855A Precision Video Cable or equivalent

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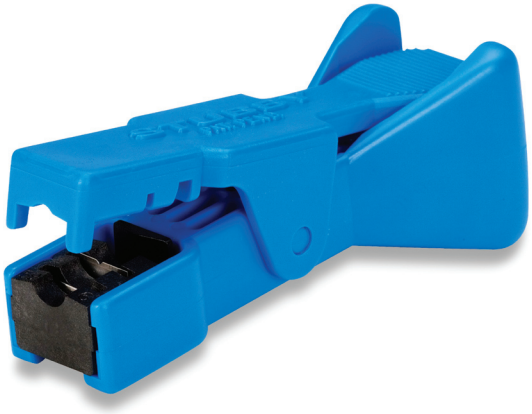
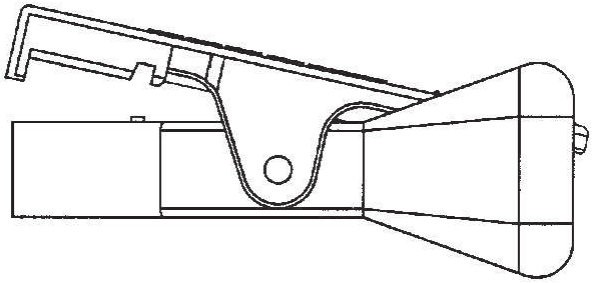


STUBBY™
CABLE PREPARATION TOOL

The innovative new “Stubby” cable preparation tool from Thomas & Betts is designed to allow you to prepare cable in tight spaces where other tools will not fit.

- Facilitates proper cable preparation in confined areas where conventional strip tools don’t work
- Eliminates need to run new cable when the short stub-in is just out of reach for the conventional strip tool
- rotates in a natural screw-driver type motion and will not nick the braid or score the center conductor
- Blade cartridges are easily interchangeable
- Standard 1/4” - 1/4” cable preparation
- Patent pending design



ORDERING INFORMATION

CATALOG #	DESCRIPTION	INNER PACK	OUTER PACK
STUBBY™ CABLE PREPARATION TOOL			
CSTSTUB	Cable preparation tool for Series 59/6 coaxial cables	1	50

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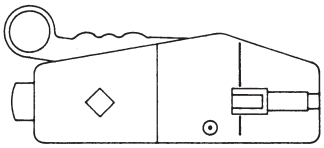
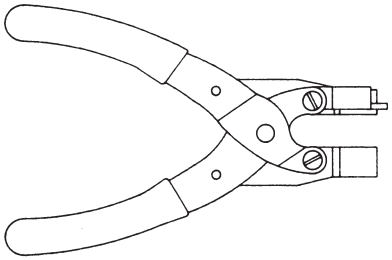
IT1000



Ordering Information

CATALOG NUMBER	DESCRIPTION	USE	INNER PACK	OUTER PACK
IT1000	Strips & Installs	Series 59, 59QS, 59HEC, 6, 6QS	1	100
IT10002	Replacement Blade Cassette	IT1000	1	300

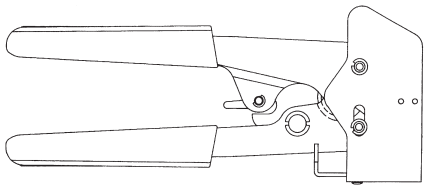
SNSUTL



Ordering Information

CATALOG NUMBER	DESCRIPTION	USE	INNER PACK	OUTER PACK
SNSUTL	Installs, Non-Ratchet	Series 59, 59QS, 59HEC, 6, 6QS, BNC, RCA	1	50

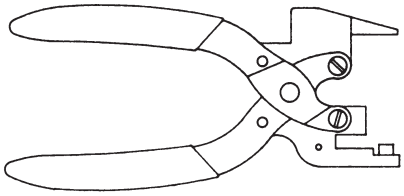
SNSIT



Ordering Information

CATALOG NUMBER	DESCRIPTION	USE	INNER PACK	OUTER PACK
SNSIT	Installs, Ratchet	Series 59, 59QS, 59HEC, 6, 6QS	1	38

L3011B



Ordering Information

CATALOG NUMBER	DESCRIPTION	USE	INNER PACK	OUTER PACK
L3011B	Installs	Series 7, 7QS, 11, 11QS, 320QR	1	50

9150US Specifications

Snap-N-Seal® Installation Tool

The 9150US Installation Tool is designed to compress Snap-N-Seal® "F" Male Connectors.

9150US Design Advantages

- A single compression tool installs Snap-N-Seal® 59, 6, 7, 11 and 320 series "F" Male connectors.
- Narrow compression head allows easy access for connector compression in space-limited applications.
- A moveable yoke allows the installer to easily change compression lengths from 59 and 6 "F" Male, to 7, 11 and 320 series "F" Male connectors.
- Ergonomic design comfortably fits the hand to minimize user fatigue and promote productivity.

Physical

Body & Handle:	Nylon, Glass Filled
Integral Parts:	Steel, Heat Treated

Mechanical

Tool Weight:	4 oz (113 grams)
Tool Length:	8 inches (20.3 cm)

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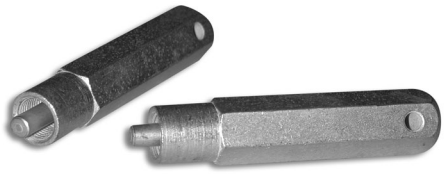
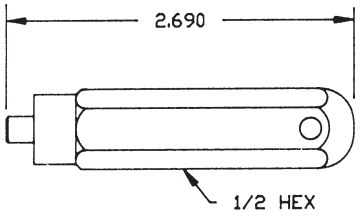
Locking Terminator Tool

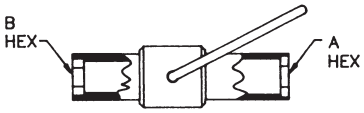




Ordering Information

CATALOG NUMBER	INNER PACK	OUTER PACK
LTF	25	400

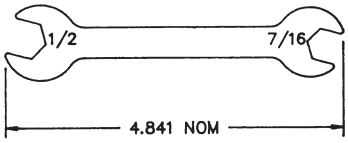
Snap-N-Seal® Installation/Security Tool



Ordering Information

CATALOG NUMBER	DESCRIPTION	DIMENSION A	DIMENSION B	INNER PACK	OUTER PACK
SSTSNS	Security Shield Tool 59 & 6	7/16	1/2	10	100
SSTSNS11	Security Shield Tool 7 & 11	9/16	5/8	10	100

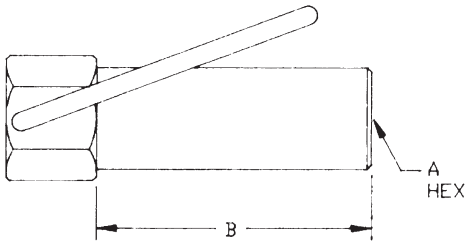
Snap-N-Seal® Combination Wrench



Ordering Information

CATALOG NUMBER	DESCRIPTION	INNER PACK	OUTER PACK
W5437	Combination Wrench	1	1

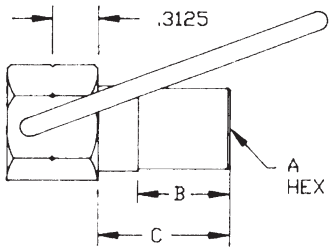
Security Shield Tool



Ordering Information

CATALOG NUMBER	DIMENSION A	DIMENSION B	INNER PACK	OUTER PACK
SST5910	7/16 Hex	1.350	20	200
SST11	9/16 Hex	1.890	20	160

Security Shield Tool



Ordering Information

CATALOG NUMBER	DIMENSION A	DIMENSION B	DIMENSION C	INNER PACK	OUTER PACK
SST59U	7/16 Hex	0.630	0.906	25	200