

# BELDEN

SENDING ALL THE RIGHT SIGNALS

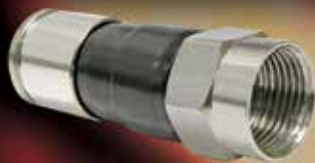
The Industry Leader in True 360°  
Compression Connectors & Tooling Systems



AUDIO / VIDEO



SECURITY



COMMERCIAL



TOOLS

PerfectPath™  
CONNECT WITH SOMETHING BETTER

ProSNS®

[www.ppc-online.com](http://www.ppc-online.com)

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## Quality Coaxial Connectivity Solutions

PPC Belden is a global leader in end-to-end signal transmission solutions for data, video and audio applications. Our coaxial connectivity solutions products feature superior quality, high-performance compression connectors, tools and accessories for a variety of coaxial installation applications.

The patented design features of our Snap-N-Seal®, Double Bubble™ and ProSNS™ connector brands provide a secure, dependable connection from start to finish.

- TRUE 360° compression technology creating tools and connectors to work together as a complete, integrated system
- Connectors meet/exceed SCTE-IPC and Bellcore requirements
- Connectors provides superior pullout strength
- One-piece design option on connectors eliminate loose pins and sleeves
- Non-blind entry sleeve and pin-guide in one-piece connectors assist with the insertion of the cable into the connector
- Connectors feature internal compression rings to reduce/eliminate water migration

Connector Type	Cable Size										
	Mini Coax	RG59	RG59Q	RG59 Plenum CCTV	RG6	RG6Q	RG6 Plenum CCTV	RG7	RG11	RG11Q	RG11 Plenum
<b>Snap-N-Seal ProSNS</b>	X	X	X	X	X	X	X		X	X	X
<b>Double Bubble</b>	X	X	X	X	X	X	X			X	X

## Snap-N-Seal® ProSNS™ Universal Hybrid Compression Connectors

INDUSTRY USE: COMMERCIAL • PROFESSIONAL A/V • SECURITY



CPLCCT-SLM



CPSNSCT-596

By combining the advanced, patented design features of F-Conn and the traditional, easy-to-use construction of Snap-N-Seal, the PPC ProSNS connectors provide the industry's easiest to install, high-performance compression connector as part of the Snap-N-Seal family brand.



PSA59/6

- Non-blind entry (disposable guide sleeve for F's and sliding pin for RCA and BNC connectors)
- Plastic sleeve is up to 50% easier to compress than all-brass connectors
- Eliminates water migration through proven design features of multiple O-ring placement
- Superior Ni-Tin plating yields durable finish, preventing corrosion
- Clear product labeling and color-coded compression sleeves for easy product identification and re-ordering
- Improved connector design offers the flexibility to be installed with most universal compression tools

Part Number	Cable Type	Connector Description	Color Band	Tool Required
<b>FSNS6U</b>	RG6	Universal F Connector	Green	CPLCCT-SLM or CPSNSCT-596
<b>FSNS6BNCU</b>	RG6	Universal BNC Connector	Green	CPLCCT-SLM or CPSNSCT-596
<b>FSNS6RCAU</b>	RG6	Universal RCA Connector	Green	CPLCCT-SLM or CPSNSCT-596
<b>FSNS59U</b>	RG59	Universal F Connector	Red	CPLCCT-SLM or CPSNSCT-596
<b>FSNS59BNCU</b>	RG59	Universal BNC Connector	Red	CPLCCT-SLM or CPSNSCT-596
<b>FSNS59RCAU</b>	RG59	Universal RCA Connector	Red	CPLCCT-SLM or CPSNSCT-596

Snap-N-Seal® ProSNS™ Compression Connectors

## Snap-N-Seal® ProSNS™ Plenum & CCTV Compression Connectors

INDUSTRY USE: COMMERCIAL • PROFESSIONAL A/V • SECURITY



CPLCCT-SLM



CPSNSCT-596

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PSA59/6

Part Number	Connector Description	Color Band	Tip Req'd	Tool Req'd
<b>FSNS6PL</b>	RG6 Plenum F-type Size 1	Green	LMTIP-S	CPLCCT-SLM
<b>FSNS6PLQ</b>	RG6 Plenum F-type Size 2 Quad	Green	LMTIP-S	CPLCCT-SLM
<b>FSNS6RCAPL</b>	RG6 Plenum RCA Size 1	Green	LMTIP-S	CPLCCT-SLM
<b>FSNS6BNCPL</b>	RG6 Plenum BNC Size 1	Green	NONE	CPLCCT-SLM
<b>FSNS59BNCSL</b>	RG59 Security (CCTV) BNC	Red	NONE	CPLCCT-SLM
<b>FSNS59PL</b>	RG59 Plenum F-type Size 1	Red	LMTIP-S	CPLCCT-SLM
<b>FSNS59RCAPL</b>	RG59 Plenum RCA Size 1	Red	LMTIP-S	CPLCCT-SLM
<b>FSNS59BNCPL</b>	RG59 Plenum BNC Size 1	Red	NONE	CPLCCT-SLM
<b>FSNS59BNCPL3</b>	RG59 Plenum BNC Size 3	Red	NONE	CPLCCT-SLM

# Snap-N-Seal® ProSNS™ Hybrid RG11 Compression Connectors

INDUSTRY USE: COMMERCIAL • PROFESSIONAL A/V • SECURITY



CPLCCT-LS59/11



SNSUNI



PS11

Efforts to improve the current design of Snap-N-Seal series 11 connectors provided Belden the opportunity to combine the patented design features of both Snap-N-Seal and F-Conn connector brands. The result is a quality, high-performance ProSNS Hybrid RG11 connector that requires low retention force to compress making installations quick and easy.

- Designed utilizing an air dielectric for better performance and excellent return loss
- The patented floating-pin insertion guide assists with the insertion of the cable into the connector
- F-type connectors feature a patented internal O-ring at the base of the nut to facilitate a free-spinning nut
- An additional O-ring placed at the base of the connector with a NiTin finish and UV resistant plastic provides a reliable, environmentally sealed product on the cable

Part Number	Connector Description	Color Band	Tool Required
<b>716SNS1P11H</b>	7/16" Hex Head Universal F	Black	CPLCCT-LS59/11 or SNSUNI
<b>716SNS1P11HPLA</b>	7/16" Hex Head F Connector, Plenum	Grey	CPLCCT-LS59/11 or SNSUNI
<b>716SNS1P11HQ</b>	7/16" Hex Head F Connector, Quad-Shield Only	Purple	CPLCCT-LS59/11 or SNSUNI
<b>SNS1P11H</b>	9/16" Hex Head Universal F	Black	CPLCCT-LS59/11 or SNSUNI
<b>90SNS1P11H</b>	9/16" Hex Head F Connector, Right Angle	Black	CPLCCT-LS59/11 or SNSUNI
<b>FSNS11HBNC</b>	Universal BNC Connector	Black	SNSUNI
<b>FSNS11HBNCPLA</b>	BNC Connector, Plenum	Grey	SNSUNI
<b>FSNS11QBNC</b>	BNC Connector, Quad-Shield Only	Purple	SNSUNI

## F-Conn™ RGB/Mini Coaxial Compression Connectors

INDUSTRY USE: COMMERCIAL • PROFESSIONAL A/V • SECURITY



CPLCCT-SLM



CPSNSCT-596



PSA59/6

- Available in two sizes:
  - RG15 (22-24 AWG), purple
  - RG1 (25-26 AWG), orange
- Multi-piece connectors are for solid center wire or stranded cable
- One-piece RGB connectors are for solid center conductor wire only, allowing installers to save time while retaining quality
- Available in gold for one-piece or multi-piece configurations
- Superior return loss numbers on all our RGB/mini coax connectors

Part Number*	Connector Description	Color Band	Tip Req'd	Tool Req'd
<b>FSNS15</b>	F, 1 Piece Solid Center Cond., RGB 22-24 AWG	Purple	LMTIP-S	CPLCCT-SLM
<b>FSNS15BNC</b>	BNC, 1 Piece Solid Center Cond., RGB 22-24 AWG	Purple	NONE	CPLCCT-SLM
<b>FSBNC15RGB</b>	BNC, Multi-Piece, RGB 22-24 AWG	Purple	NONE	CPLCCT-SLM
<b>FSRCA15RGB</b>	RCA, Multi-Piece, RGB 22-24 AWG	Purple	LMTIP-S	CPLCCT-SLM
<b>FS1BNC</b>	BNC, 1 Piece Solid Center Cond., RGB 24-26 AWG	Orange	NONE	CPLCCT-SLM
<b>FS1RCA</b>	RCA, 1 Piece Solid Center Cond., RGB 24-26 AWG	Orange	LMTIP-S	CPLCCT-SLM

## ProSNS™ Right Angle Compression Connectors

INDUSTRY USE: COMMERCIAL • PROFESSIONAL A/V • SECURITY



CPLCCT-SLM



CPSNSCT-596



PSA59/6

- Designed to allow for adequate cable bend radius when space is limited
- A great solution for flush mounts, TV rack mounts, plasma/LCD televisions, and dome security camera installations
- Features a positive stop design to help guide the cable into the connector and prevent it from being over-compressed

Part Number	Connector Description	Color Band	Tip Req'd	Tool Req'd
FSNS59URA	RG59 F-type Universal Right Angle	Red	LMTIP-RA	CPLCCT-SLM
FSBNC59URA	RG59 BNC Universal Right Angle	Red	LMTIP-RA	CPLCCT-SLM
FSNS6URA	RG6 F-type Universal Right Angle	Green	LMTIP-RA	CPLCCT-SLM
FSBNC6URA	RG6 BNC Universal Right Angle	Green	LMTIP-RA	CPLCCT-SLM



## Double Bubble™ Compression Connectors

**INDUSTRY USE: SECURITY • COMMERCIAL  
LAW ENFORCEMENT • CATV • SATELLITE**



**CPLCRBC-BR**



**PSA59/6**

The Double Bubble compression tool incorporates the dies into the design of the tool to mold the metal of the Double Bubble connector around the cable. This reduces the cost of the connector and eliminates the need for a compression sleeve for compression.



**PS59/6/RGB**

- Double Bubble compression connectors are designed for structured wiring, security cameras and other exposed wiring installations
- F, RCA and BNC for RG59 and RG6 cables
- BNC and RCA connectors for RGB/mini coax cables

Part Number	Connector Description	Color Band	Tip Req'd	Tool Req'd
<b>DB1BNC</b>	BNC, RGB/ Mini Coax (25-26AWG)	-	NONE	CPLCRBC-BR
<b>DB59U</b>	F, RG59 Connector	Red	LMTIP-S	CPLCRBC-BR
<b>DB59BNCU</b>	BNC, RG59 Connector	-	NONE	CPLCRBC-BR
<b>DB6U</b>	F, RG6 Connector	Green	LMTIP-S	CPLCRBC-BR
<b>DB6BNCU</b>	BNC, RG6 Connector	-	NONE	CPLCRBC-BR

## Double Bubble™ Plenum and Security (CCTV) Compression Connectors

INDUSTRY USE: SECURITY • SATELLITE • CATV



CPLCRBC-BR



PSA59/6

- Custom designed plenum connectors make installations easier and provide a more accurate fit on the cable
- Security (SL) connectors are designed for RG59
- CCTV coaxial cables with copper braiding and solid copper center conductor in RCA and BNC

Part Number	Connector Description	Tip Req'd	Tool Req'd
DB6PL2	RG6 Plenum Size 2 F-type	LMTIP-S	CPLCRBC-BR
DB6BNCPL2	RG6 Plenum Size 2 BNC	NONE	CPLCRBC-BR
DB59PL2/4	RG59 Plenum Size 2/4 F-type	LMTIP-S	CPLCRBC-BR
DB59BNCPL2/4	RG59 Plenum Size 2/4 BNC	NONE	CPLCRBC-BR
DB59BNCPL3	RG59 Plenum Size 3 BNC	NONE	CPLCRBC-BR
DB59BNC SL	RG59 Security BNC	NONE	CPLCRBC-BR

## Double Bubble™ DB58UHF 50 Ohm Compression Connectors

INDUSTRY USE: SECURITY • MOBILE RADIO • LAW ENFORCEMENT



CPLCRBC-BR

- Mini-UHF Plug
- Utilizes non-blind entry, one-piece design features
- DB58UHF includes RBCTIP-UHF adapter tip with purchase

Part Number	Connector Description	Tip Req'd	Tool Req'd
DB58UHF	50 Ohm Connector	RBCTIP-UHF	CPLCRBC-BR
DB58BNC	50 Ohm BNC Connector	NONE	CPLCRBC-BR

## Double Bubble™ High Definition BNC Compression Connectors

INDUSTRY USE: SECURITY



CPLCRBC-BR



PSA59/6



PSA59/6

High Definition BNC connectors combine patented technologies with a proprietary manufacturing process to ensure the highest quality connections with superior return loss

Part Number	Connector Description	Color Band	Tool Req'd
DB6BNCHD	RG6	Green	CPLCRBC-BR
DB59BNCHD	RG59	Red	CPLCRBC-BR
DB15BNCHD	RGB/ Mini Coax (22-24AWG)	Purple	CPLCRBC-BR
DB1BNCHD	RGB/ Mini Coax (25-26AWG)	Orange	CPLCRBC-BR

## EX6 Universal Compression Connectors

INDUSTRY USE: SATELLITE • CATV  
 • PROFESSIONAL A/V • COMMERCIAL



CPLCCT-SLM



PSA59/6

Installers are faced with the problem of identifying old unmarked 60% through Quad Shield Series 6 cable, and having to guess which connector is the best match. This results in unnecessary service calls due to the use of the wrong connector/cable match. The unique patented design of the EX® body achieves true universality on 60% through Quad Shield for PE, and PVC jackets.

Part Number	Connector Description	Tool Req'd
EX6XL	EX® Universal compression connector, series 6 cable	CPLCCT-SLM

## Compression Connector Accessories Strain Relief Boots

**INDUSTRY USE: SECURITY • A/V • COMMERCIAL**

Belden's strain relief boots provide enhanced strain relief and connector protection for your installation. The boot is an optional cable termination sleeve designed and manufactured to protect the cable's bend radius so as not to damage the cable and connection caused by wire strain.

### **SLS-59/6 Strain Relief Boots**

*for RG59 and RG6 Coaxial Cable*

- Extended design includes three tiers that can be cut to customize for RG59 or RG6 cable diameters
- Extended weather resistant boot (black) with enhanced strain relief



# Basic Compression Connector Series

INDUSTRY USE: CATV



CPLCRBC-BR

- The original universal design connector series for standard through quad-shield size cables
- Available in F and RCA connector types

Part Number	Connector Description	Tool Required
<b>RG59NR</b>	RG59 F-type Connector for Headend Cable	CPLCRBC-BR
<b>RG59WR</b>	RG59 F-type Connector w/ Internal Sealing Rings for 67% to Quad Shield, Indoor	CPLCRBC-BR
<b>RG59WRO</b>	RG59 F-type Connector w/ Internal Sealing Rings for 67% to Quad Shield, External O-Ring for Outdoor	CPLCRBC-BR
<b>RG6WR</b>	RG6 F-type Connector w/ Internal Sealing Rings for 60% to Tri-Shield, Indoor	CPLCRBC-BR
<b>RG6WRO</b>	RG6 F-type Connector w/ Internal Sealing Rings for 60% to Tri-Shield, External O-Ring for Outdoor	CPLCRBC-BR
<b>RG6NR</b>	RG6 F-type Connector, for Quad Shield, Indoor	CPLCRBC-BR
<b>RG6NRO</b>	RG6 F-type Connector, for Quad Shield, External O-Ring for Outdoor	CPLCRBC-BR
<b>CF81GHZM</b>	F81 Splice w/ Round Seizure	No Tool Required
<b>CF81GHZMHDW</b>	F81 Splice w/ Round Seizure and Nut/Washer	No Tool Required

## Cable Pro® Cable Strip Tools

- Lightweight and compact for easy transportation and storage
- Integrated rollers ensure the strip tool rolls around the cable to create a clean, even cut
- NO screws, keys or other adjustment pieces to manage

### PSA59/6 Cable Strip Tool



- Preps RG59, RG6 and RG58 cable
- Adjustable dial locates the perfect setting for cable preparation
- Patented cable stop creates a precise 1/4"-1/4" cable preparation
- Integrated side flaring tool for RG6 cable
- Includes an extra replacement blade cartridge

Part Number	Description
PSA59/6	Preps RG59, RG6 and RG58 cable
PSCA59/6	Replacement Cartridge for PSA59/6 tool

## PS59/6/RGB Cable Strip Tool



- Preps RG59, RG6 and RGB/mini coax cable
- Patented cable stop creates a precise 1/4" - 1/4" cable preparation
- Includes TWO extra blade cartridges!
  - (1) Cartridge (PSC-RGB/red) specifically for RGB/mini coax cables
  - (1) Cartridge for RG59 and RG6 cables

Part Number	Description
<b>PS59/6/RGB</b>	Preps RG59, RG6 and RGB/ mini coax cables
<b>PSC59/6/RGB</b>	Replacement cartridge for PS59/6/RGB tool
<b>PSC-RGB</b>	Replacement cartridge for PS59/6/RGB tool to prep RGB/ mini coax cables

## PS11 Cable Strip Tool



- Preps RG11 cable
- Heavy-duty spring provides resistance against every day wear
- Patented cable stop creates a precise 1/4" - 1/4" cable preparation
- Includes an extra replacement blade cartridge

Part Number	Description
<b>PS11</b>	Preps RG11 cables
<b>PSC11</b>	Replacement cartridge for PS11 tool to prep RG11 cable

## Cable Pro® Compression Tools

Belden uses the finest materials and metals available on the market to manufacture superior quality custom installation compression tools and connectors providing exceptional solutions for professional installers.

### CPSNSCT-596 Compression Tool

**INDUSTRY USE: CATV • SATELLITE • COMMERCIAL A/V**



- Standard compression tool for Snap-N-Seal connectors including F Male, RCA, BNC, Right Angle, Inline Splices, Ground Blocks as well as the ProSNS line to fit series 59 and 6 coaxial cables
- Plier-type tool with revited construction
- Support plate centers connectors, while plate fingers provide 300° support during compression
- 1-year warranty

### SNSUNI Compression Tool

**INDUSTRY USE: CATV • SATELLITE • COMMERCIAL A/V**



- A universal plier-type tool with revited construction for Snap-N-Seal connectors including F Male, RCA, BNC, Right Angle, Splices as well as the ProSNS line to fit series 59, 6, 7 and 11 coaxial cables
- Easy to use - the black nylon slide is clearly indicated on the tool to assist with selecting the correct position for the cable type in use
- Black nylon slide includes T-slot to prevent the tool tilting
- Support plate centers connectors, while plate fingers provide 300° support during compression
- 1-year warranty



## CPLCRBC-BR Double Bubble™ Compression Tool

INDUSTRY USE: SECURITY • BROADCAST • CATV • COMMERCIAL



- Compress the Double Bubble connectors to create a secure, permanent “double bubble” connection
- Self-adjusting plunger head provides a precise and constant compression each and every time
- Includes 1 LMTIP-S interchangeable adapter tip for compression of F and RCA type connectors
- 1-year warranty

Part Number	Description
<b>CPLCRBC-BR</b>	Double Bubble™ Compression Tool - Blue
<b>LMTIP-S</b>	Silver adapter tip for DB silver/nickel connectors
<b>RBCTIP-UHF</b>	Adapter tip for Double Bubble 50 Ohm connectors

## CPLCCT-1-S Compression Tool

INDUSTRY USE: CATV



- For F-Conn FS or Snap-N-Seal ProSNS series F and RCA compression connectors
- No adjustment for compression!
- Crafted so that it is lightweight and easy to use
- Self-adjusting plunger head provides a precise and constant compression each and every time
- 1-year warranty

## CPLCCT-SLM Linear Compliant Compression Tool

**INDUSTRY USE: PRO A/V • SECURITY • CATV • COMMERCIAL**



- Compress Legacy Snap-N-Seal & ProSNS series RG59, RG6 F, RCA, & BNC connectors
- Manufactured of solid steel for maximum strength and durability
- Crafted so that it is lightweight and easy to use
- Self-adjusting plunger head provides a precise and constant compression each and every time
- Includes four interchangeable adapter tips to compress a full line of connectors
- Used to compress F-Conn's FS and RG Series Connectors
- 1-year warranty

Part Number	Description
<b>CPLCCT-SLM</b>	Linear Complaint Compression Tool
<b>LMTIP-S</b>	Silver adapter tip for F-Conn's silver/nickel connectors
<b>LMTIP-RA</b>	Right Angle adapter tip for F-Conn's right angle connectors
<b>LMTIP-HOLDER</b>	Holder for adapter tips
<b>LMTIP-KIT</b>	Kit includes Holder + 4 tips S, RA, G, WP
<b>LMTIP-G</b>	Gold tip
<b>LMTIP-WP</b>	Wall Plate

## CPLCCT-LS59/11 Compression Tool

**INDUSTRY USE: CATV**



- Compress F-Conn RG59, RG6 connectors, Legacy Snap-N-Seal and ProSNS series RG59, RG6, RG7 or RG11 connectors
- 1-year warranty

## CPLCCT-SS59/11 Compression Tool

**INDUSTRY USE: CATV**



- For F-Conn FS or Snap-N-Seal ProSNS series RG59 and RG6 F connectors or F-Conn RG11 connectors (FS11V, FS11PL and FS11RA)
- 1-year warranty

## Perfect Path HDMI

### Cables

Perfect Path developed and patented the first Locking Connector for HDMI Cables, with more than six times the holding retention of conventional HDMI.



#### 1000 Series - High Speed HDMI® Cable with Ethernet Channel and Locking Connectors

The embodiment of the perfect path. The HD 1000 breaks the boundaries of the HDMI system, now and for the future.

- Supports 3D gaming and other 3D video applications
- Transmits digital content at extremely high resolution (4K)
- Perfect Lock™ locking connectors with 25lbs retention
- Audio Return Channel
- Perfect Lock™ locking connectors with 25lbs retention in 1000 & 700 Series.

#### 700 Series - High Speed HDMI® Cable with Locking Connectors

Perfect for systems without the HDMI Ethernet Channel. The HD 700 gives you the ground-breaking performance of the HD 1000, without the Ethernet Channel feature.

#### 600 Series - High Speed HDMI® Cable with High-Retention Connectors

Housetrained, but kind of a showoff. The HD 600 provides flagship performance in a no-frills package design. Features Perfect Path's patented PerfectHold™ connector, for three times the holding retention of conventional HDMI connectors.

Part Number	Description
HD-600-3B	High Retention, High Speed HDMI® Cable, 3 FT
HD-600-6B	High Retention, High Speed HDMI® Cable, 6 FT
HD-600-12B	High Retention, High Speed HDMI® Cable, 12 FT
HD-700-2	High Speed Cable w/ PerfectLock™ Connectors 2 ft Gold CL2/FT4
HD-700-4	High Speed Cable w/ PerfectLock™ Connectors 4 ft Gold CL2/FT4
HD-700-8	High Speed Cable w/ PerfectLock™ Connectors 8 ft Gold CL2/FT4
HD-700-16	High Speed Cable w/ PerfectLock™ Connectors 16 ft Gold CL2/FT4
HD-700-25	High Speed Cable w/ PerfectLock™ Connectors 25 ft Gold CL2/FT4
HD-700-35	High Speed Cable w/ PerfectLock™ Connectors 35 ft Gold CL2/FT4
HD-700-50	High Speed Cable w/ PerfectLock™ Connectors 50 ft Gold CL2/FT4
HD-1000-2	High Speed Cable w/ Ethernet and PerfectLock™ Connectors 2 ft Gold CL2/FT4
HD-1000-4	High Speed Cable w/ Ethernet and PerfectLock™ Connectors 4 ft Gold CL2/FT4
HD-1000-8	High Speed Cable w/ Ethernet and PerfectLock™ Connectors 8 ft Gold CL2/FT4
HD-1000-16	High Speed Cable w/ Ethernet and PerfectLock™ Connectors 16 ft Gold CL2/FT4
HD-1000-25	High Speed Cable w/ Ethernet and PerfectLock™ Connectors 25 ft Gold CL2/FT4
HD-1000-35	High Speed Cable w/ Ethernet and PerfectLock™ Connectors 35 ft Gold CL2/FT4
HD-1000-50	High Speed Cable w/ Ethernet and PerfectLock™ Connectors 50 ft Gold CL2/FT4

## Cable Pro® Tech Express Tool Kits

Belden continues to expand our product line to ensure professional installers have the tools they need to create a permanent, quality installation.

### SLMPSAKIT Tech Express Tool Kit

- CPLCCT-SLM Compression Tool and adapter tips
- PSA59/6 Cable Strip Tool and extra blade cartridge
- These tools work together as a complete integrated system with F-Conn's FS and RG series as well as the Snap-N-Seal ProSNS series of compression connectors



### DBPSAKIT Tech Express Tool Kit

- CPLCRBC-BR Compression Tool and silver adapter tip
- PSA59/6 Cable Strip Tool and extra blade cartridge
- These tools work together as a complete integrated system with Belden's Double Bubble series of compression connectors



### PROPSAKIT Tech Express Tool Kit

- Cable Pro® Standard Compression Tool (CPSNSCT-596)
- Cable Pro® Cable Strip Tool (PSA59/6) for RG59, RG6 and RG6 Quad-Shield with Extra Blade Cartridge and RG6 Flare Tool



## Compression Connector and Tool Kits

PPC is recognized worldwide for our innovative line of 360° compression connectors, tools and accessories that work together as a complete system.



### STARTERKIT

The PPC Starter Kit contains a Cable Pro® CPLCCT-SLM compression tool, PS59/6/RGB cable strip tool, and a variety of F-Conn™ FS or ProSNS™ compression connectors to create a high-quality, custom Audio/Video installation.

#### STARTERKIT INCLUDES:

- CPLCCT-SLM Compression Tool
- PS59/6/RGB Cable Strip Tool
  - PSC59/6/RGB (Blue Spare Cartridge)
  - PSC-RGB (Red Spare Cartridge)
- Wall Plate Inserts, Color Bands and Strain Relief Boots
- (10) FSNS59U
- (5) FSNS59BNCU
- (10) FSNS6U
- (5) FSNS6BNCU
- (5) FSNS6RCAU
- (5) FSNS6URA
- (5) FSBNC6URA
- (5) FS6US
- (5) FS6RCAUS
- (5) FS1RCA
- (5) FS1BNC
- (5) FS15RCA
- (5) FS15BNC
- (2) SLS-59/6
- (2) HIPUKM
- (2) HIPUWM
- (1) SLS-RGB-Red
- (1) SLS-RGB-Yellow
- (1) FSCR-B
- (1) FSCR-Y
- (1) HIPPOB
- (1) HIPOY



### DBSTARTERKIT

The Belden Double Bubble™ Starter Kit contains a Cable Pro CPLCRBC-BR compression tool, PSA59/6 cable strip tool, and a variety of Double Bubble compression connectors to create a secure connection for structured wiring, security and satellite installations.

#### DBSTARTERKIT INCLUDES:

- CPLCRBC-BR Compression Tool
- PSA59/6 Cable Strip Tool
- FIT-59 Flaring/ Insertion Tool
- SLS-59/6
- (25) DB59U
- (10) DB59BNCU
- (10) DB59RCAU
- (10) DB59BNCSL
- (25) DB6U
- (10) DB6BNCU

## Cable Pro® Cable Caddies

PPC Cable Pro Cable Caddies are engineered using high quality, lightweight steel tubing and incorporates a unique folding mechanism. This allows professional installers to easily fold and transport the caddy to each cable installation location. Wheeled versions of the cable caddy are available to make moving from each location a breeze.

### CC2016B Cable Caddy

- Holds one 20" x 16" reel
- Compact unit
- Made of sturdy 3/4" tubing
- CC2016B does not include wheels
- Holds up to 100 lbs.



CC2016B

### CC2024 Cable Caddy

- Holds one 20" x 24" reel
- Made of Sturdy 1" tubing
- Features 6" wheels for easy movement
- Holds up to 100 lbs.



CC2024

### CC2036D Cable Caddy

- Holds a variety of reel combinations
- Adjustable bar heights
- Two simplified ways to load reels
- Made of Sturdy 1" tubing
- Holds up to 100 lbs. per reel



CC2036D

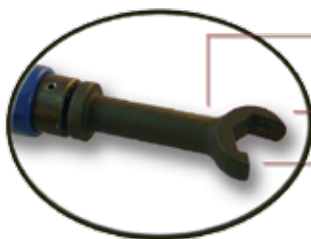
## Cable Pro® Torque Wrenches

### TROE716SH Speed Head Torque Wrench

INDUSTRY USE: CATV • SATELLITE



- “Speed” head for quick tightening without having to remove the wrench from the connector
- Use to tighten 7/16" F-type fittings
- Torque inch/pounds preset at factory (10-60 in./lbs.)  
Torque values: 10, 15, 20, 25, 30, 40, 50 & 60
- Medium carbon steel (heat treated) with black oxide finish
- Blue cushioned grip



- Black oxide finish provides superior protection
- Angled head for easy access
- “Speed” head for quick tightening without removing the wrench from connector

### TROE716E Easy Open End Torque Wrench

INDUSTRY USE: CATV • SATELLITE



- Available in 7/16" configuration for F-fittings
- Coated with black oxide to offer the ultimate protection against daily wear and tear
- A soft, blue, rubber grip provides a smooth gripping surface
- Torque inch/pounds are preset at the factory based on your specifications from 10-60 in./lbs  
Torque values: 10, 15, 20, 25, 30, 40, 50 & 60



## TROE716/TROE916 True Torque Open End Torque Wrench

INDUSTRY USE: CATV • SATELLITE



- Available in 7/16" or 9/16" configuration for F-fittings
- Manufactured using chromemoly, a high-quality metal to provide installers with a durable, quality tool
- Ergonomically designed to have a True Torque Grip giving you total control and precision when used
- Torque inch/pounds are preset at the factory based on your specifications from 10-60 in./lbs

## Swivel 7/16" Torque Wrench



- Use to torque 7/16" F-type fittings
- Designed to work with multi-part taps
- Torque wrenches are preset in the factory to specified torque in./lbs.

Part Number	Description
TRS716-*	7/16" Torque Wrench. Torque Values: 15, 20, 25, 30, 40, 50 & 60
TRS716SS-EX-*	7/16" Torque Wrench removes plastic sleeves. Torque Values: 30 & 40 only
TRS716SS-*	7/16" Torque Wrench removes metal sleeves. Torque Values: 20, 30 & 40 only

## Fixed/Swivel 3/8" Socket Drive Torque Wrench



- Ability to use different size sockets
- Torque wrenches are preset in the factory to specified torque in./lbs.

Part Number	Description
TRS3/8	Swivel 3/8" Socket Drive Torque Wrench Torque Values: 30 only

## Cable Pro® Installation Tools

Belden manufactures a full line of high-quality Cable Pro installation tools for the professional installer.

### Can Wrench



- Used to open pedestals and tighten ground straps and taps

Part Number	Description
<b>CNW6</b>	Can Wrench (3/8" & 7/16")
<b>CNW8</b>	Can Wrench (1/2" & 9/16")

### Trap Wrench



- Made of lightweight 6061 aluminum
- 2 steel pins, press fitted into the aluminum tube, to remove traps
- Anodized for superior protection and easy identification
- Fits 7/16" hex F-fittings
- Knurled hand grips assure controlled handling

Part Number	Description
<b>TW716</b>	Trap Wrench - Red
<b>TWS716</b>	Super Trap Wrench - Black Hex Head is made of hardened steel
<b>TWC716</b>	Combo Trap Wrench - Blue For Metal Security Sleeves Combines standard trap wrench design with a security sleeve Security socket is made of hardened steel
<b>TWC716-EX</b>	Combo Trap Wrench - Blue For Plastic Security Sleeves Combines standard trap wrench design with a security sleeve Security socket is made of hardened steel

## Extended Headend Socket Wrench



- Use in headend or behind rack for installation and removal of 7/16" F-type or BNC fittings
- Dual-end tool provides the use of two tools in one making installation quick and easy
- One end of dual-end tool assists with insertion and removal, and the other end "locks-down" the patent-pending locking collar of the Locking BNC Connector
- Dual-end and BNC socket wrenches feature tapered ends to make BNC installations on patch panel ports accessible and easy to manage
- Manufactured from quality materials to provide a long-lasting, durable tool

Part Number	Description
HT-716	Extended Headend F Connector Socket Wrench
HT-BNC	Extended Headend BNC Connector Socket Wrench

## Gilbert Terminating Tool



- GTT tools are designed to be used with theft proof Gilbert GTP Locking Terminators
- GGT-PPLT combines a Cable Pro PPLT Locking Terminator with a Gilbert GTT Locking Terminator in one tool
- Features solid steel spring ears
- Available in two lengths: 4" and 7"

Part Number	Description
GTT-4	4" Gilbert Terminating Tool
GTT-7	7" Gilbert Terminating Tool
GTT-PPLT-4	4" Cable Pro & Gilbert Terminating Tool
GTT-PPLT-7	7" Cable Pro & Gilbert Terminating Tool

## Viewsonics Terminating Tool



- Use with Viewsonics Locking Terminators
- Available in two lengths: 4" and 7"
- Tools are made of zinc plated steel

Part Number	Description
VTT-4	4" Viewsonics Terminating Tool
VTT-7	7" Viewsonics Terminating Tool

## Security Wrench



- Made of chrome 4130 steel
- Includes steel spring handle and tightens to 40 in./lbs.

Part Number	Description
<b>SWU716</b>	Universal Security Wrench for metal sleeves
<b>SWU716-EX</b>	Thick Wall Security Sleeve for plastic sleeves
<b>DSW716</b>	Dual Security Wrench combines 7/16" socket for standard F-type fittings, and 1/2" socket for LRC seal nut and Gilbert TAC fittings
<b>SW-SACH</b>	Sach Security Wrench
<b>MSW716</b>	Mini Security Wrench

## Installation Tool



- Tools speed the installation and the removal of drop cable
- Available in 7/16" and 9/16" sizes
- Made from 6061 aluminum and features knurled surfaces, a cable slot, and a hard anodized finish

Part Number	Description
<b>IT716</b>	7/16" Installation Tool
<b>IT916</b>	9/16" Installation Tool

## Siamese Stripper



- Siamese strippers separate RG59 and RG6 wisted pair cable, coaxial siamese cable and messenger coaxial cable

Part Number	Description
SS-596	RG59 and RG6 Siamese Cable Separator

## Flaring and Insertion Tool



- Flaring expands jacket to ease the insertion of connectors on to Plenum, Quad and standard size cables
- Insertion simplifies pushing the connector on to the cable

Part Number	Description
FIT-6	Flaring/ Insertion Tool for RG6 Cable
FIT-59	Flaring/ Insertion Tool for RG59 Cable
FIT-11	Flaring/ Insertion Tool for RG11 Cable

## Pen Toner Continuity Testers



- Convenient, easy-to-store cable tester
- Loud audio tone identifies the line carrying signal
- Viewable DC Short LED
- Designed for RF cable applications
- Ergonomic, rugged anodized brass body
- Battery included

Part Number	Description
CPPT-1	Pen Toner to test and identify terminated F cables
CPPT-2	Pen Toner to test and identify terminated F or BNC cables. Uses AAA battery

## Toner Boxes Continuity Testers



- Toner boxes feature loud audio signal
- LED display detects splitters and shorts in cable drops
- Two 9-volt batteries (18 volts) allow for testing longer cable drops

Part Number	Description
TS-18	Toner Set (Buzz Box and Battery Box)





## F-Conn Compression Connector Sizing Chart (Inches)

Type	Description	Size	Double Bubble	ProSNS
<b>RG1</b> (24-26AWG*) <b>ORANGE</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .015-.025 .065-.078 .095-.110	DB1BNCHD DB1RCA-R DB1BNC	FS1BNC, FS1RCA FSBNC1RGB* FSRCA1RGB* FS1BNCSSST* FS1RCASST* FSBNC1RA*
<b>RG15</b> (22-24AWG*) <b>PURPLE</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .015-.025 .095-.105 .145-.160	DB15BNCHD DB15RCA-R DB15BNC	FSNS15, FSNS15BNC FS15RCA FSBNC15RGB* FSRCA15RGB* FS15BNCSSST* FS15RCASST* FSBNC15RA*
*This AWG is a reference point only please make sure you spec the cable to ensure proper fit.				
<b>RG59</b> <b>PLENUM</b> <b>RED</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .0317- .0339 .147-.157 .190-.220	DB59PL2 DB59BNCPL2 DB59RCAPL2 DB59PL2/4 DB59BNCPL2/4 DB59RCAPL2/4	FSNS59PL FSNS59BNCPL FSNS59RCAPL
<b>RG59</b> <b>PLENUM 3</b> <b>RED</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .0210- .0240 .130-.137 .190-.220	DB59BNCPL3	FSNS59BNCPL3
<b>RG59</b> <b>SECURITY</b> <b>RED</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .0317- .0339 .137-.148 .232-.248	DB59BNCSL DB59RCASL	FSNS59BNCSL
<b>RG59</b> <b>UNIVERSAL</b> <b>RED</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .0317- .0339 .144-.157 .232-.273	DB59U DB59BNCU DB59RCAU DB59BNCHD	FSNS59U FSNS59BNCU FSNS59RCAU FSRCA59URA FS59BNCUS FS59RCAUS

\*Actual cable sizes may vary from manufacturer specifications and testing may be required to verify correct connector fit.

## F-Conn Compression Connector Sizing Chart (Inches)

Type	Description	Size	Double Bubble	ProSNS
<b>RG59/ MINI CENTER CONDUCTOR</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .021-.024 .144-.157 .232-.273	DB59BNCBU	
<b>RG59 ITS CONNECTOR</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .024-.034 .190-.200 .295-.305	DB59BNC SL2-M DB59BNC SL2-F	
<b>RG6 PLENUM GREEN</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .0399-.0418 .183-.193 .220-.250	DB6PL2 DB6BNCPL2 DB6RCAPL2	FSNS6PL FSNS6BNCPL FSNS6RCAPL
<b>RG6 QUAD GREEN</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .0399-.0418 .180-.193 .289-.305		FSNS6PLQ FSNS6BNCPLQ FSNS6RCAPLQ
<b>RG6 UNIVERSAL GREEN</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .0399-.0418 .180-.193 .265-.305	DB6U DB6BNCU DB6RCAU DB6BNCHD	FSNS6BNCU FSNS6RCAU FSNS1P6QS-R
<b>RG11 UNIVERSAL BLACK</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .0634-.0647 .280-.294 .390-.417		716SNS1P11H, 716SNS1P11HQ FSNS11HBNC, FSNS11HQBNC 90SNS1P11H
<b>RG11 PLENUM GRAY</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .0634-.0647 .280-.294 .339-.355		716SNS1P11HPLA FSNS11HBNCPLA
<b>DS3 CONNECTOR</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .014-.020 .070-.085 .120-.140	DBDS3BNC	
<b>DS4 CONNECTOR</b>	Center Conductor Dielectric Outer Jacket	MIN-MAX .317-.0339 .145-.155 .220-.240	DBDS4BNC	

\*Actual cable sizes may vary from manufacturer specifications and testing may be required to verify correct connector fit.

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