BELDEN

SENDING ALL THE RIGHT SIGNALS
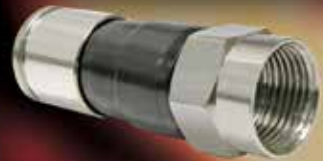
The Industry Leader in True 360° Compression Connectors & Tooling Systems

AUDIO / VIDEO

SECURITY

COMMERCIAL

TOOLS

Perfect⟩Path™
CONNECT WITH SOMETHING BETTER

ProSNS™

REFERENCE GUIDE CONTENTS

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 360º compression technology creating tools and connectors to work together as a complete, intregrated 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
Snap-N-Seal ProSNS	X	X	X	X	X	X	X		X	X	X
Double Bubble	X	X	X	X	X	X	X			X	X

BELDEN
SENDING ALL THE RIGHT SIGNALS®

Snap-N-Seal® ProSNS™ Compression Connectors

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

INDUSTRY USE: COMMERCIAL • PROFESSIONAL A/V • SECURITY

CPLCCT-SLM

CPSNSCT-596

PSA59/6

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.

- 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
FSNS6U	RG6	Universal F Connector	Green	CPLCCT-SLM or CPSNSCT-596
FSNS6BNCU	RG6	Universal BNC Connector	Green	CPLCCT-SLM or CPSNSCT-596
FSNS6RCAU	RG6	Universal RCA Connector	Green	CPLCCT-SLM or CPSNSCT-596
FSNS59U	RG59	Universal F Connector	Red	CPLCCT-SLM or CPSNSCT-596
FSNS59BNCU	RG59	Universal BNC Connector	Red	CPLCCT-SLM or CPSNSCT-596
FSNS59RCAU	RG59	Universal RCA Connector	Red	CPLCCT-SLM or CPSNSCT-596

BELDEN
SENDING ALL THE RIGHT SIGNALS®

Snap-N-Seal® ProSNS™ Plenum & CCTV 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

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

ProSNS™ Plenum & CCTV Compression Connectors

Snap-N-Seal® ProSNS™ Hybrid RG11 Connectors *(vertical side text)*

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
716SNS1P11H	7/16" Hex Head Universal F	Black	CPLCCT-LS59/11 or SNSUNI
716SNS1P11HPLA	7/16" Hex Head F Connector, Plenum	Grey	CPLCCT-LS59/11 or SNSUNI
716SNS1P11HQ	7/16" Hex Head F Connector, Quad-Shield Only	Purple	CPLCCT-LS59/11 or SNSUNI
SNS1P11H	9/16" Hex Head Universal F	Black	CPLCCT-LS59/11 or SNSUNI
90SNS1P11H	9/16" Hex Head F Connector, Right Angle	Black	CPLCCT-LS59/11 or SNSUNI
FSNS11HBNC	Universal BNC Connector	Black	SNSUNI
FSNS11HBNCPLA	BNC Connector, Plenum	Grey	SNSUNI
FSNS11QHBNC	BNC Connector, Quad-Shield Only	Purple	SNSUNI

PPC Customer Support 1.800.800.6652

BELDEN
SENDING ALL THE RIGHT SIGNALS®

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
FSNS15	F, 1 Piece Solid Center Cond., RGB 22-24 AWG	Purple	LMTIP-S	CPLCCT-SLM
FSNS15BNC	BNC, 1 Piece Solid Center Cond., RGB 22-24 AWG	Purple	NONE	CPLCCT-SLM
FSBNC15RGB	BNC, Multi-Piece, RGB 22-24 AWG	Purple	NONE	CPLCCT-SLM
FSRCA15RGB	RCA, Multi-Piece, RGB 22-24 AWG	Purple	LMTIP-S	CPLCCT-SLM
FS1BNC	BNC, 1 Piece Solid Center Cond., RGB 24-26 AWG	Orange	NONE	CPLCCT-SLM
FS1RCA	RCA, 1 Piece Solid Center Cond., RGB 24-26 AWG	Orange	LMTIP-S	CPLCCT-SLM

BELDEN
SENDING ALL THE RIGHT SIGNALS®

FS Series Right Angle Compression Connectors

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

BELDEN
SENDING ALL THE RIGHT SIGNALS®

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
DB1BNC	BNC, RGB/ Mini Coax (25-26AWG)	-	NONE	CPLCRBC-BR
DB59U	F, RG59 Connector	Red	LMTIP-S	CPLCRBC-BR
DB59BNCU	BNC, RG59 Connector	-	NONE	CPLCRBC-BR
DB6U	F, RG6 Connector	Green	LMTIP-S	CPLCRBC-BR
DB6BNCU	BNC, RG6 Connector	-	NONE	CPLCRBC-BR

Double Bubble™ Compression Connectors

Double Bubble™ Compression Connectors

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
DB59BNCSL	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

PPC Customer Support 1.800.800.6652

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

EX® Universal Compression Connectors

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

Extended weather resistant boot (black) with enhanced strain relief

Tiers to customize for RG59 or RG6 cable installation

Material: Thermoplastic Elastomer (TPE) Rubber to protect from UV rays and various chemicals

BELDEN
SENDING ALL THE RIGHT SIGNALS®

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

BELDEN
SENDING ALL THE RIGHT SIGNALS®

Cable Pro® Cable Strip Tools

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
PS59/6/RGB	Preps RG59, RG6 and RGB/ mini coax cables
PSC59/6/RGB	Replacement cartridge for PS59/6/RGB tool
PSC-RGB	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
PS11	Preps RG11 cables
PSC11	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 aswell 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

BELDEN
SENDING ALL THE RIGHT SIGNALS®

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
CPLCRBC-BR	Double Bubble™ Compression Tool - Blue
LMTIP-S	Silver adapter tip for DB silver/nickel connectors
RBCTIP-UHF	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

Cable Pro® Compression Tools

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

Cable Pro® Compression Tools

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.

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

- 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.

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 360º 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

BELDEN
SENDING ALL THE RIGHT SIGNALS®

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 caddie to each cable installation location. Wheeled versions of the cable caddie are available to make moving from each location a breeze.

CC2016B Cable Caddie

- 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 Caddie

- 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 Caddie

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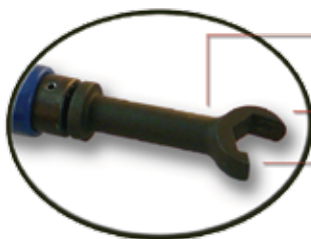- Holds up to 100 lbs. per reel

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 tightenin 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

BELDEN
SENDING ALL THE RIGHT SIGNALS®

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

Cable Pro® Torque Wrenches

BELDEN
SENDING ALL THE RIGHT SIGNALS®

Cable Pro® Torque Wrenches

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

PPC Customer Support 1.800.800.6652

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
CNW6	Can Wrench (3/8" & 7/16")
CNW8	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
TW716	Trap Wrench - Red
TWS716	Super Trap Wrench - Black Hex Head is made of hardened steel
TWC716	Combo Trap Wrench - Blue For Metal Security Sleeves Combines standard trap wrench design with a security sleeve Security socket is made of hardened steel
TWC716-EX	Combo Trap Wrench - Blue For Plastic Security Sleeves Combines standard trap wrench design with a security sleeve Security socket is made of hardened steel

BELDEN
SENDING ALL THE RIGHT SIGNALS®

Cable Pro® Installation Tools

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

BELDEN
SENDING ALL THE RIGHT SIGNALS®

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

Cable Pro® Installation Tools

Security Wrench

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

Part Number	Description
SWU716	Universal Security Wrench for metal sleeves
SWU716-EX	Thick Wall Security Sleeve for plastic sleeves
DSW716	Dual Security Wrench combines 7/16" socket for standard F-type fittings, and 1/2" socket for LRC seal nut and Gilbert TAC fittings
SW-SACH	Sach Security Wrench
MSW716	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
IT716	7/16" Installation Tool
IT916	9/16" Installation Tool

BELDEN
SENDING ALL THE RIGHT SIGNALS®

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

Cable Pro® Installation Tools

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)

Notes:

BELDEN
SENDING ALL THE RIGHT SIGNALS™

Connector Sizing Chart

F-Conn Compression Connector Sizing Chart (Inches)

Type	Description	Size	Double Bubble	ProSNS
RG1 (24-26AWG*) ORANGE	Center Conductor Dielectric Outer Jacket	MIN-MAX .015-.025 .065-.078 .095-.110	DB1BNCHD DB1RCA-R DB1BNC	FS1BNC, FS1RCA FSBNC1RGB* FSRCA1RGB* FS1BNCSST* FS1RCASST* FSBNC1RA*
RG15 (22-24AWG*) PURPLE	Center Conductor Dielectric Outer Jacket	MIN-MAX .015-.025 .095-.105 .145-.160	DB15BNCHD DB15RCA-R DB15BNC	FSNS15, FSNS15BNC FS15RCA FSBNC15RGB* FSRCA15RGB* FS15BNCSST* FS15RCASST* FSBNC15RA*
*This AWG is a reference point only please make sure you spec the cable to ensure proper fit.				
RG59 PLENUM RED	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
RG59 PLENUM 3 RED	Center Conductor Dielectric Outer Jacket	MIN-MAX .0210-.0240 .130-.137 .190-.220	DB59BNCPL3	FSNS59BNCPL3
RG59 SECURITY RED	Center Conductor Dielectric Outer Jacket	MIN-MAX .0317-.0339 .137-.148 .232-.248	DB59BNCSL DB59RCASL	FSNS59BNCSL
RG59 UNIVERSAL RED	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.

BELDEN
SENDING ALL THE RIGHT SIGNALS®

F-Conn Compression Connector Sizing Chart (Inches)

Type	Description	Size	Double Bubble	ProSNS
RG59/ MINI CENTER CONDUCTOR	Center Conductor Dielectric Outer Jacket	MIN-MAX .021-.024 .144-.157 .232-.273	DB59BNCBU	
RG59 ITS CONNECTOR	Center Conductor Dielectric Outer Jacket	MIN-MAX .024-.034 .190-.200 .295-.305	DB59BNCSL2-M DB59BNCSL2-F	
RG6 PLENUM GREEN	Center Conductor Dielectric Outer Jacket	MIN-MAX .0399-.0418 .183-.193 .220-.250	DB6PL2 DB6BNCPL2 DB6RCAPL2	FSNS6PL FSNS6BNCPL FSNS6RCAPL
RG6 QUAD GREEN	Center Conductor Dielectric Outer Jacket	MIN-MAX .0399-.0418 .180-.193 .289-.305		FSNS6PLQ FSNS6BNCPLQ FSNS6RCAPLQ
RG6 UNIVERSAL GREEN	Center Conductor Dielectric Outer Jacket	MIN-MAX .0399-.0418 .180-.193 .265-.305	DB6U DB6BNCU DB6RCAU DB6BNCHD	FSNS6BNCU FSNS6RCAU FSNS1P6QS-R
RG11 UNIVERSAL BLACK	Center Conductor Dielectric Outer Jacket	MIN-MAX .0634-.0647 .280-.294 .390-.417		716SNS1P11H, 716SNS1P11HQ FSNS11HBNC, FSNS11HQBNC 90SNS1P11H
RG11 PLENUM GRAY	Center Conductor Dielectric Outer Jacket	MIN-MAX .0634-.0647 .280-.294 .339-.355		716SNS1P11HPLA FSNS11HBNCPLA
DS3 CONNECTOR	Center Conductor Dielectric Outer Jacket	MIN-MAX .014-.020 .070-.085 .120-.140	DBDS3BNC	
DS4 CONNECTOR	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.

Connector/ Cable Cross Reference Chart available at www.ppc-online.com

Belden
6176 East Molloy Road
East Syracuse, NY 13057

Customer Support
1.800.800.6652
ppc@ppc-online.com

**To view our full line of Belden Solutions
please visit www.ppc-online.com**

BELDEN Product Families

DB Double Bubble®

ProSNS™

Perfect》Path™
CONNECT WITH SOMETHING BETTER

*This publication contains the most current products and specifications as of this printing.
Items may be added, deleted, discontinued, or revised without notice.
Please contact PPC to verify product specifications and availability.*

062014

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable](#):
  [CPLCRBC-BR](#) [FIT-SL2](#) [DBSTARTERKIT](#) [STARTERKIT](#)