

PB 474

Belden SLM Universal Compression System

One tool compresses a full line of F-Conn 360° compression connectors.

Provides professional installers the ability to create field-customized cable installations from start to finish



Cable Pro Linear Compliant Compression Tool

- Made of solid steel is crafted to be both durable and lightweight
- Self-adjusting plunger head provides a one-step, one-tool system
- Utilizes True 360° compression technology
- Includes four interchangeable tips to compress a variety of connectors
- Works with Belden's full line of F-Conn (FS & RG Series) Compression Connectors

F-Conn Universal Compression Connectors

- F, RCA & BNC
- Right angle, splice, and speaker
- One-piece and multi-piece connectors
- Available in nickel (FS) or gold (RG)

F-Conn Plenum and Security CCTV Connectors

- Available in F, RCA and BNC for a variety of plenum cable sizes
- Custom engineered plenum connectors provide an easy to install, precise fit on the cable
- Plenum and Security (CCTV) Connectors are available for SLM and DB Systems
- Security Connectors are designed for CCTV coaxial cable with copper braiding and a solid copper center conductor
- For ease of installation use the Cable Pro FIT-59 or FIT-6 Insertion/Removal Tool

F-Conn RGB/Mini Coax Connectors

- Available in two sizes:
 - RG15 (22-24 AWG), purple
 - RG1 (25-26 AWG), orange
- F, RCA and BNC connector types
- Multi-piece RGB connectors are for solid center wire or stranded cable
- One-piece RGB connectors are for solid center conductor wire only
- RGB F pin-type connector for RG15 (22-24AWG wire)
- Stringent testing standards demonstrate superior return loss numbers on all our RGB/Mini Coax Connectors

F-Conn Standalone Splice (Female) Compression Connectors

- Can be used with our patented Wall Plate System
- F, RCA and BNC for RG59, RG6 and RGB/mini coax cables
- Splices are offered in nickel (FS) or gold (RG)
- By utilizing a standalone female splice, installers are able to directly connect two wires, eliminating a coupler or splice barrel

F-Conn Right Angle Connectors

- Designed to allow for adequate cable bend radius when space is limited
- 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
- F, RCA and BNC are available for RG59, RG6 and RGB/Mini Coax cables

F-Conn Speaker Connectors

- Fits 12, 14 and 16 AWG cable
- Screw-on tips (spade, banana and pin type) enable quick connector format conversion
- Speaker binding post is designed to work with the speaker connector line
- Works with Belden's Wall Plate System and corresponding modular speaker installations

SLM Starter Kit Includes

- Cable Pro Linear Compliant Compression Tool (CPLCCT-SLM) and adapter tips
- Cable Pro Cable Strip Tool (PSA59/6/RGB) with extra blade cartridges
- Variety of F, BNC, RCA, Right Angle and Splice connectors for RG59, RG6 and RGB/Mini Coax cables

SLM Tech Express Tool Kit Includes

- Cable Pro Linear Compliant Compression Tool (CPLCCT-SLM) and adapter tips
- Cable Pro Cable Strip Tool (PSA59/6) for RG59 and RG6 with extra blade cartridge



Linear Compliant Compression Tool (SLM)



F-Conn Universal Connectors



RGB/Mini Coaxial Connectors



Standalone Splice (Female) Connectors

Part Number	Description
Linear Compliant Compression Tool	
CPLCCT-SLM	Linear Compliant Compression Tool
LMTIP-S	Silver Adapter Tip For F-Conn's Silver/Nickel Connectors
LMTIP-G	Gold Adapter Tip For F-Conn's Gold Connectors
LMTIP-WP	Wall Plate Adapter Tip For F-Conn's Splice Connectors
LMTIP-RA	Right Angle Adapter Tip For F-Conn's Right Angle Connectors
LMTIP-KIT	Kit Includes Holder + 5 Tips — G, S, RA, WP, IEC

Part Number Nickel	Part Number Gold	Connector Size	Connector Type	Color Band	Required Adapter Tip
F-Conn Universal Connectors					
FS59U	RG59U	RG59	Universal F	Red	LMTIP-S/G
FS59RCAU	RG59RCAU	RG59	Universal RCA	Red	LMTIP-S/G
FS59BNCU	RG59BNCU	RG59	Universal BNC	Red	-
FS6U	RG6U	RG6	Universal F	Green	LMTIP-S/G
FS6RCAU	RG6RCAU	RG6	Universal RCA	Green	LMTIP-S/G
FS6BNCU	RG6BNCU	RG6	Universal BNC	Green	-

Part Number Nickel	Part Number Gold	Connector Size	Connector Type	Color Band	Required Adapter Tip
F-Conn RGB/Mini Coaxial Connectors					
FS15	-	RGB 22-24 AWG	F, 1-Piece Solid Center Conductor	Purple	LMTIP-S
FS15RCA	RG15RCA	RGB 22-24 AWG	RCA, 1-Piece Solid Center Conductor	Purple	LMTIP-S
FSRCA15RGB	RGRCA15RGB	RGB 22-24 AWG	RCA, Multi-Piece Solid Center Conductor	Purple	LMTIP-S
FS15BNC	RG15BNC	RGB 22-24 AWG	BNC, 1-Piece Solid Center Conductor	Purple	-
FSBNC15RGB	RGBNC15RGB	RGB 22-24 AWG	BNC, Multi-Piece Solid Center Conductor	Purple	-
FS1RCA	RG1RCA	RGB 24-26 AWG	RCA, 1-Piece Solid Center Conductor	Orange	LMTIP-S
FSRCA1RGB	RGRCA1RGB	RGB 24-26 AWG	RCA, Multi-Piece Solid Center Conductor	Orange	LMTIP-S
FS1BNC	RG1BNC	RGB 24-26 AWG	BNC, 1-Piece Solid Center Conductor	Orange	-
FSBNC1RGB	RGBNC1RGB	RGB 24-26 AWG	BNC, Multi-Piece Solid Center Conductor	Orange	-

Part Number Nickel	Part Number Gold	Connector Size	Connector Type	Color	Tip Required
F-Conn Standalone Splice (Female) Connectors					
FS15RCASST	RG15RCASST	RGB 22-24 AWG	RCA, Female Splice Connector	Purple	LMTIP-WP
FS15BNCSSST	RG15BNCSSST	RGB 22-24 AWG	BNC, Female Splice Connector	Purple	NONE
FS1RCASST	RG1RCASST	RGB 24-26 AWG	RCA, Female Splice Connector	Orange	LMTIP-WP
FS1BNCSSST	RG1BNCSSST	RGB 24-26 AWG	BNC, Female Splice Connector	Orange	NONE
FS59US	RG59US	RG59	F, Universal Female Splice Connector	Red	LMTIP-WP
FS59RCAUS	RG59RCAUS	RG59	RCA, Universal Female Splice Connector	Red	LMTIP-WP
FS59BNCUS	RG59BNCUS	RG59	BNC, Universal Female Splice Connector	Red	NONE
FS6US	RG6US	RG6	F, Universal Female Splice Connector	Green	LMTIP-WP
FS6RCAUS	RG6RCAUS	RG6	RCA, Universal Female Splice Connector	Green	LMTIP-WP
FS6BNCUS	RG6BNCUS	RG6	BNC, Universal Female Splice Connector	Green	NONE



F-Conn Speaker Connectors

Part Number Nickel	Description	Required Adapter Tip
F-Conn Speaker Connectors		
RGSPU	4 Speaker Connectors*	LMTIP-G
RGSPURA	4 Right Angle Speaker Connectors*	LMTIP-RA
RGSPPOST	Female Speaker Binding Post 2 Pack**	LMTIP-G

* Each 4 pack includes 12, 14, and 16 AWG Sleeves – (4)Red / (6)Black Colored Rings

**Each 2 pack includes 2 posts, (1) Red screw nut and (1) Black screw nut also (2) Red 12 AWG, (2) Green 14 AWG, and (2) Yellow 16 AWG Sleeves. (Requires module clip to fit Wall Plate System)



Plenum and Security CCTV Connectors

Part Number Nickel	Connector Size	Connector Type	Color Band	Required Adapter Tip
F-Conn Plenum and Security CCTV Connectors				
FS59RCASL	RG59	RCA, Security (CCTV)	Red	LMTIP-S
FS59BNCPL	RG59	BNC, Security (CCTV)	Red	NONE
FS59PL	RG59	F, Plenum Size 1	Red	LMTIP-S
FS59PL2	RG59	F, Plenum Size 2	Red	LMTIP-S
FS59PL4	RG59	F, Plenum Size 4	Red	LMTIP-S
FS59RCAPL	RG59	RCA, Plenum Size 1	Red	LMTIP-S
FS59RCAPL2	RG59	RCA, Plenum Size 2	Red	LMTIP-S
FS59RCAPL3	RG59	RCA, Plenum Size 3	Red	LMTIP-S
FS59BNCPL	RG59	BNC, Plenum Size 1	Red	NONE
FS59BNCPL2	RG59	BNC, Plenum Size 2	Red	NONE
FS59BNCPL3	RG59	BNC, Plenum Size 3	Red	NONE
FS59BNCPL4	RG59	BNC, Plenum Size 4	Red	NONE
FS6PL	RG6	F, Plenum Size 1	Green	LMTIP-S
FS6PL2	RG6	F, Plenum Size 2	Green	LMTIP-S
FS6RCAPL	RG6	RCA, Plenum Size 1	Green	LMTIP-S
FS6RCAPL2	RG6	RCA, Plenum Size 2	Green	LMTIP-S
FS6BNCPL	RG6	BNC, Plenum Size 1	Green	NONE
FS6BNCPL2	RG6	BNC, Plenum Size 2	Green	NONE



F-Conn Right Angle Compression Connectors

Part Number Nickel	Connector Size	Connector Type	Color Band	Required Adapter Tip
F-Conn Right Angle Compression Connectors				
FSRCA15RA	RGB 22–24 AWG	RCA, Multi-Piece Right Angle	Purple	LMTIP-RA
FSBNC15RA	RGB 22–24 AWG	BNC, Multi-Piece Right Angle	Purple	LMTIP-RA
FSRCA1RA	RGB 25–26 AWG	RCA, Multi-Piece Right Angle	Orange	LMTIP-RA
FSBNC1RA	RGB 25–26 AWG	BNC, Multi-Piece Right Angle	Orange	LMTIP-RA
FS59URA	RG59	F, Universal Right Angle	Red	LMTIP-RA
FSRCA59URA	RG59	RCA, Universal Right Angle	Red	LMTIP-RA
FSBNC59URA	RG59	BNC, Universal Right Angle	Red	LMTIP-RA
FS6URA	RG6	F, Universal Right Angle	Green	LMTIP-RA
FSRCA6URA	RG6	RCA, Universal Right Angle	Green	LMTIP-RA
FSBNC6URA	RG6	BNC, Universal Right Angle	Green	LMTIP-RA



Belden Cable to F-Conn Connector Cross Reference Chart

F-Conn Universal Compression Connectors

Belden Cable	FS "Nickel" Series	RG "Gold" Series	Center Conductor	Dielectric	Outer Jacket
25–26 AWG Connector					
1277P, 1277R, 1278R, 1279P, 1279R, 1280P, 1280R, 1281R–S3–S5–S6, 1282S3–S5–S6, 1283S3–S5, HC2648R, HC2650R	FS1BNC FS1RCA FSBNC1RGB* FSRCA1RGB* FS1BNCSSST* FS1RCASST* FSBNC1RA*	RG1BNC RG1RCA RGBNC1RGB* RGRCA1RGB* RG1BNCSSST* RG1RCASST*	.015–.025	.065–.078	.095–.110

*Multi-Piece Connectors for Stranded or Solid Center Conductors

Belden Cable	FS "Nickel" Series	RG "Gold" Series	Center Conductor	Dielectric	Outer Jacket
22–24 AWG Connector					
1164B*, 1167B*, 1406B*, 1407B*, 1417B*, 1418B*, 1855A–S3–S5 7787A, 7788A, 7789A, 7790A, 7791A, 7792A 7794A, 7796A, 8218*, 573945, 673948	FS15 FS15BNC FS15RCA FSBNC15RGB* FSRCA15RGB* FS15BNCSSST* FS15RCASST* FSBNC15RA*	RG15BNC RG15RCA RGBNC15RGB* RGRCA15RGB* RG15BNCSSST* RG15RCASST*	.015–.025	.095–.105	.145–.160

*Multi-Piece Connectors for Stranded or Solid Center Conductors

Belden Cable	FS "Nickel" Series	FS "Nickel" Splices	RG "Gold" Series	Center Conductor	Dielectric	Outer Jacket
RG59 Connector						
1505A–F–S3–S5– S6, 1186A, 8221, 8263, 9100, 9104, 9104P, 9110, 9167, 9244, 9259, 9275, 82108, 543945	FS59U FS59BNCU FS59RCU FS59URA FSBNC59URA FSRCA59URA	FS59US FS59BNCUS FS59RCAUS	RG59U RG59BNCU RG59RCU RG59US RG59BNCUS RG59RCAUS	.0317–.0339	.144–.157	.232–.273

Belden Cable	FS "Nickel" Series	FS "Nickel" Splices	RG "Gold" Series	Center Conductor	Dielectric	Outer Jacket
RG6 Connector						
1152A, 1189A, 1189AP, 1190A, 1530A, 1532A 1613A, 1614A, 1694A, 1840A, 1843A, 1829A 3092A, 3093A, 3131A, 533945, 5339B5, 5339G5, 5339W5, 5399B5, 6339Q8, 7710A, 7711A, 7712A 7713A, 7915A, 7916A, 9058, 9062, 9066, 9077, 9116, 9116R, 9118, 9248, 9290, 82120	FS6U FS6BNCU FS6RCAU FS6URA FSBNC6URA FSRCA6URA	FS6US FS6BNCUS FS6RCAUS	RG6U RG6BNCU RG6RCAU RG6US RG6BNCUS RG6RCAUS	.0339–.0418	.180–.193	.265–.305

F-Conn Plenum Compression Connectors

Belden Cable	Description	Center Conductor	Dielectric	Outer Jacket
RG59 Plenum Size 1 Connector				
8279	FS59PL FS59BNCPL FS59RCAPL	.0317–.0339	.147–.157	.190–.220
RG59 Plenum Size 2 Connector				
82259, 543945 649948, 6439C8 1506A	FS59PL2 FS59BNCPL2 FS59RCAPL2	.0317–.0339	.130–.137	.190–.220
RG59 Plenum Size 3 Connector				
82241 88241	FS59BNCPL3 FS59RCAPL3	.0210–.0240	.130–.137	.190–.220
RG59 Plenum Size 4 Connector				
1506A, 89108 643948, 649948	FS59PL4 FS59BNCPL4 FS59RCAPL4	.0317–.0339	.134–.141	.190–.220

Belden Cable	Description	Center Conductor	Dielectric	Outer Jacket
RG6 Plenum Size 2 Connector				
1695A, 1189AP, 82120, 87120, 89120, 89248 1530AP, 1695A, 9116P, 543945, 633938, 633948 639948, 82248, 86120/633	FS6PL2 FS6BNCPL2 FS6RCAPL2	.0339–.0418	.165–.172	.220–.250

Security/CCTV Compression Connectors

Belden Cable	Description	Center Conductor	Dielectric	Outer Jacket
RG59 Security/CCTV Connector				
1426A, 8212, 8221, 9240, 9265, 9659, 5439W5, 543945, 549945	FS59BNCSL FS59RCASL	.0317–.0339	.137–.148	.232–.248