

Introduction To Extron Cable Products

Cable Product Selection

Extron cables provide high quality connections for professional video, audio, and computer equipment. All of Extron's coaxial cables maintain 75 ohm impedance to ensure the highest performance possible and are shielded to minimize interference, even during long distance cable runs.

Extron cables are available in pre-cut cable assemblies and/or bulk lengths. Extron also offers a variety of adapters and accessories for most cabling needs. Extron cable solutions accommodate virtually any application. If it can't be found among our extensive off-the-shelf product selection, then we'll manufacture a custom-made solution through the Extron Cables On Call service. So whether you are connecting interfaces, routers, projectors, or monitors, Extron offers a high quality cable to ensure a strong signal foundation.

Bulk Cable

Extron's bulk cables are ideal for a variety of applications, offering several convenient features. Different cable models are available for various performance levels.

The SuperFlex plenum jacket material provides superior flexibility for maneuvering through tight spots as well as ease of use while rolling or unrolling (not used for the MHR-6P, RG6P, and MHRVGAP plenum cables). An internal ripcord lowers the likelihood of cable damage during installation and makes stripping the cable for termination both quicker and more convenient (not included with the MHR-2, MHR-5, MHR-6, and RG6 cables). Sequential numbering is printed at one-foot intervals on the jacket, so you can quickly measure cable length.

Our plenum-rated cables are constructed with special fire resistant agents for applications where National Electric Code (CL2P) cable must be installed. Plenum cable can be run through open air spaces, so the need for conduit is eliminated and installation costs can be reduced. Many Extron bulk cables are available in plenum-rated versions.

There are six categories of bulk cables: coaxial, multi-conductor, Comm-Link control system, Skew-Free A/V UTP, audio/serial control, and speaker. Multi-conductor cables are comprised of coaxial, shielded twisted pair (STP) and single conductor wires. Comm-Link control system cables are comprised of a shielded twisted pair and two single conductors. Skew-Free A/V UTP is a proprietary cable to Extron using four unshielded twisted pairs (UTP). Audio/serial control cables are available in a variety of sizes and configurations for analog or digital AES/EBU audio and control communication. Speaker cables are available in three wire sizes to meet a variety of attenuation and power requirements. Extron bulk cables are offered in several lengths with a variety of conductor configurations available. Bulk cable lengths of 10,000 feet or more can be ordered with customized printing in the outer jacket at no extra cost. here are six categories of bulk cables: coaxial, multi-conductor, Comm-Link control system, Skew-Free A/V UTP, audio/serial control, and speaker. Multi-conductor cables are comprised of coaxial, shielded twisted pair (STP) and single conductor wires. Comm-Link control system cables are comprised of a shielded twisted pair and two single conductors. Skew-Free A/V UTP is a proprietary cable to Extron using four unshielded twisted pairs (UTP). Audio/serial control cables are available in a variety of sizes and configurations for analog or digital AES/EBU audio and control communication. Speaker cables are available in three wire sizes to meet a variety of attenuation and power requirements. Extron bulk cables are offered in several lengths with a variety of conductor configurations available. Bulk cable lengths of 10,000 feet or more can be ordered with customized printing in the outer jacket at no extra cost.

MHR-2 Two Conductor Mini High Resolution S-Video Cable		
MHR-5/6 Five/Six Conductor Mini High Resolution Cable		
MHRHF-5 Five Conductor Mini High Resolution Halogen-Free Cable		
M59-3/5/6 Three/Five/Six Conductor Mini 59 Flex Cable		
RG59 Single Conductor RG59 High Resolution Cable		
RG59-3MHR-3 Three Conductor RG59 High Resolution and Three Conductor MHR Cable		
MHR-5STP-2 Cable Five Conductor MHR and Two 22 AWG Shielded Twisted Pairs Cable		
RG6 Single Conductor RG6 Super High Resolution Cable		
MHRVGA Mini High Resolution Audio, Video, Control Cable		
CTL Comm-Link Control Systems Cable		
UTP235F-4 Enhanced Skew-Free™ AV UTP Cable		
STP Series Serial Control/Audio Cable		
STP24LC Low Capacitance Serial Control/Digital Audio Cable		
SPK Series Speaker Cable		

BULK CABLES

Extron Universal Crimp Termination System

CTU 200

Extron Universal Crimp Tool

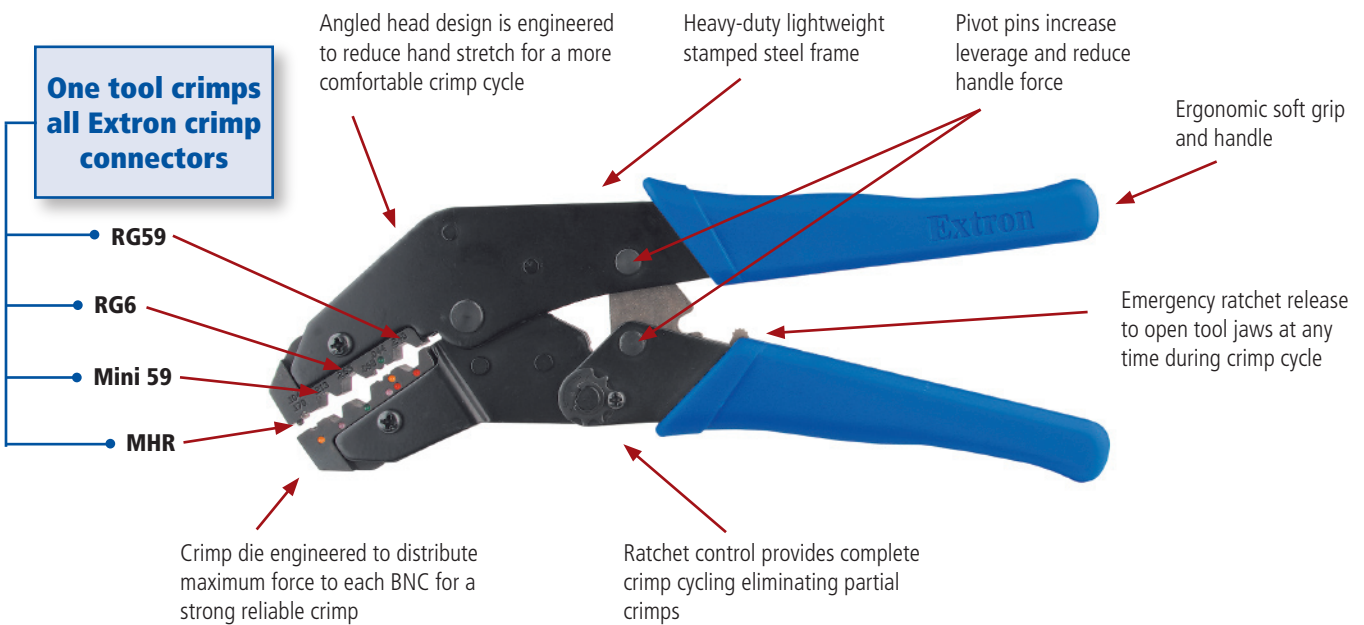
Four in One Coax BNC Connector Crimp Tool

The affordable heavy-duty Universal BNC Crimp Tool was designed by Extron to be the single tool necessary to terminate all Extron coaxial cables MHR, M59, RG59, RG6) and other compatible* cables using Extron's high quality, reliable BNC crimp connectors. The heavy-duty lightweight stamped steel frame is built to survive the most rigorous environments. The angled head, pivot pins, full cycle ratchet mechanism, and ergonomic soft grip handle increase leverage and reduce hand force for a tight, clean, complete crimp cycle. The tool includes one crimp die

designed to accommodate every Extron coaxial cable. Each crimp position within the die has been specially engineered by Extron to exert maximum crimp force for reliable and consistent terminations. Each crimp area on the tool is color-coded: orange for Mini High Resolution (MHR), purple for Mini 59, red for RG59, and green for RG6.

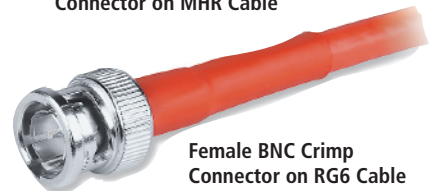
*See page 25 for a list of compatible coaxial cables that can be used with the Extron BNC crimp connectors and Universal Crimp Tool.

BULK CABLES



Hand Wire Stripper

- Use with 16 – 26 AWG wire
- Corrosion resistant rugged steel construction
- Form-ground, tempered, knife-type blades for precise stripping
- Plier nose for extra gripping strength
- Ergonomic, comfort-grip handles combat user fatigue



MODEL	PART NUMBER
Hand Wire Stripper	100-242-01

MODEL	PART NUMBER
CTU 200 — Universal BNC Crimp Tool	100-241-01

Extron Universal Crimp Termination System (continued)

Male BNC Crimp Connectors

- 75 ohm impedance prevents ghosting and optimizes performance
- Gold plated center pin provides exceptional conductivity
- Double-knurled ferrule (crimp sleeve) surface provides greater crimping surface area for increased pull strength
- BNC connectors are individually packaged with their components when ordered in quantities of 50 and 500
- Bulk BNC components (Bodies, Pins, Ferrules, and Sleeves) are packaged separately in sets of 10 for 100 piece packages of BNC connectors



MODEL	PART NUMBER
MHR BNC Male Crimp Connectors	
MHR Crimp BNC Male, Qty. 50	100-250-01
MHR Crimp BNC Male, Qty. 100	100-335-01
MHR Crimp BNC Male, Qty. 500	100-250-02

(See next page for bulk BNC components)



MODEL	PART NUMBER
RG59 BNC Male Crimp Connectors	
RG59 Crimp BNC Male, Qty. 50	100-257-01
RG59 Crimp BNC Male, Qty. 100	100-338-01
RG59 Crimp BNC Male, Qty. 500	100-257-02

(See next page for bulk BNC components)



MODEL	PART NUMBER
Mini 59 BNC Male Crimp Connectors	
M59 Crimp BNC Male, Qty. 50	100-263-01
M59 Crimp BNC Male, Qty. 100	100-337-01
M59 Crimp BNC Male, Qty. 500	100-263-02

(See next page for bulk BNC components)



MODEL	PART NUMBER
RG6 BNC Male Crimp Connectors	
RG6 Crimp BNC Male, Qty. 50	100-260-01
RG6 Crimp BNC Male, Qty. 100	100-339-01
RG6 Crimp BNC Male, Qty. 500	100-260-02

(See next page for bulk BNC components)

Female BNC Crimp Connectors

- Double-knurled ferrule (crimp sleeve) surface provides greater crimping surface area for increased pull strength
- 75 ohm impedance prevents ghosting and enhances performance
- 15 micron Gold plated center female pin provides exceptional conductivity



MODEL	PART NUMBER
MHR BNC Female Crimp Connectors	
MHR Crimp BNC Female, Qty. 50	100-253-01
MHR Crimp BNC Female, Qty. 100	100-336-01
MHR Crimp BNC Female, Qty. 500	100-253-02

(See next page for bulk BNC components)

Universal Crimp Termination System (continued)

Bulk Pins, Ferrules, Sleeves, and Bodies

- Separate 100 piece bags of each type of component
- Convenient for replacing lost pieces instead of entire connector assemblies
- Enables quick stocking of parts bins



Strain Reliefs

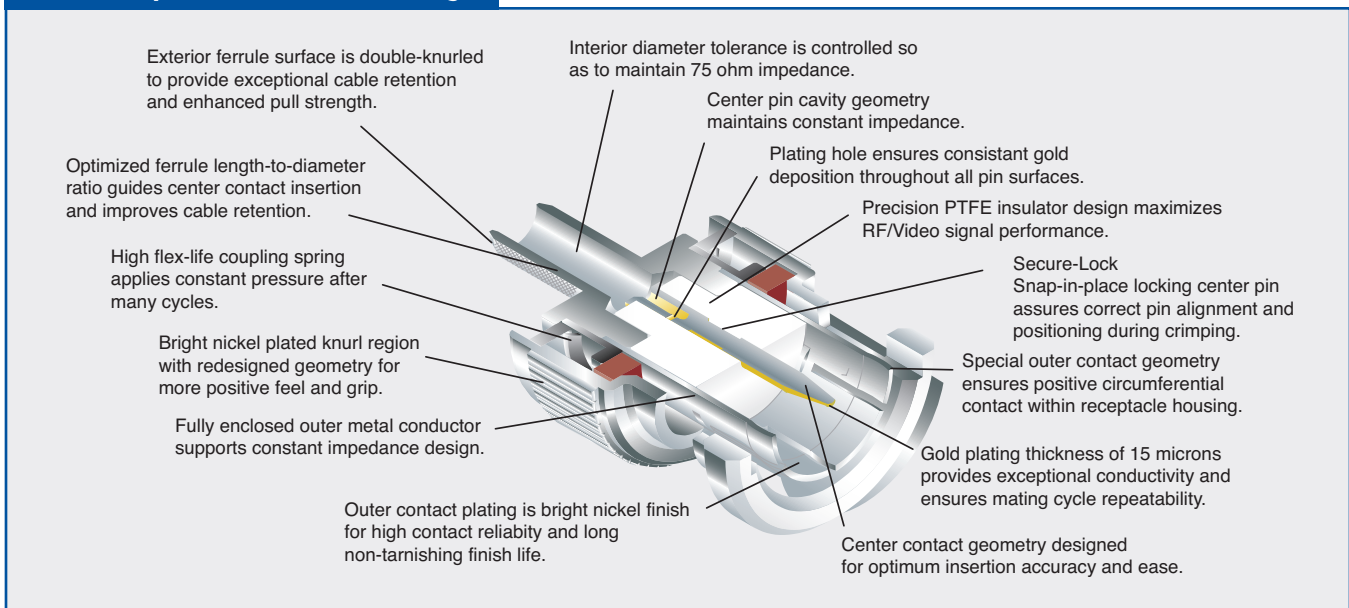
- High quality solid-rib construction with slip-on style boot
- Reduces cable damage at connector-sleeve stress point due to flexing & fatigue
- Increases cable bend radius effectively reducing strain
- Color-coded for easy identification and professional appearance



MODEL	PART NUMBER
Pins, Ferrules, Sleeves, and Bodies	
Bulk Pins for BNC Connectors	
MHR Crimp BNC Pins Male, Qty. 100	100-251-01
MHR Crimp BNC Pins Female, Qty. 100	100-256-01
M59 Crimp BNC Pins Male, Qty. 100	100-265-01
RG59 Crimp BNC Pins Male, Qty. 100	100-259-01
RG6 Crimp BNC Pins Male, Qty. 100	100-262-01
Bulk Ferrules for BNC Connectors	
MHR Crimp BNC Ferrules Male, Qty. 100	100-249-01
MHR Crimp BNC Ferrules Female, Qty. 100	100-255-01
M59 Crimp BNC Ferrules Male, Qty. 100	100-264-01
RG59 Crimp BNC Ferrules Male, Qty. 100	100-258-01
RG6 Crimp BNC Ferrules Male, Qty. 100	100-261-01
Bulk Sleeves for BNC Male and Female Mini HR Connectors	
MHR Crimp BNC Sleeves (Nylon Spacers) Male, Qty. 100	100-252-01
MHR Crimp BNC Sleeves (Nylon Spacers) Female, Qty. 100	100-319-01
Bulk BNC Bodies for Crimp Connectors	
MHR Crimp BNC Bodies Male, Qty. 100	100-297-01
MHR Crimp BNC Bodies Female, Qty. 100	100-298-01
M59 Crimp BNC Bodies Male, Qty. 100	100-299-01
RG59 Crimp BNC Bodies Male, Qty. 100	100-300-01
RG6 Crimp BNC Bodies Male, Qty. 100	100-301-01

MODEL	PART NUMBER
Strain Reliefs	
MHR BNC Strain Reliefs Red, Qty. 50	70-089-01
MHR BNC Strain Reliefs Red, Qty. 1250	42-053-02
MHR BNC Strain Reliefs Green, Qty. 50	70-089-02
MHR BNC Strain Reliefs Green, Qty. 1250	42-053-12
MHR BNC Strain Reliefs Blue, Qty. 50	70-089-03
MHR BNC Strain Reliefs Blue, Qty. 1250	42-053-22
MHR BNC Strain Reliefs Yellow, Qty. 50	70-089-04
MHR BNC Strain Reliefs Yellow, Qty. 1250	42-053-42
MHR BNC Strain Reliefs Black, Qty. 50	70-089-05
MHR BNC Strain Reliefs Black, Qty. 1250	42-053-32
MHR BNC Strain Reliefs White, Qty. 50	70-089-06
MHR BNC Strain Reliefs White, Qty. 1250	42-053-52
MHR BNC Strain Reliefs Assorted, Qty. 50	70-089-07
MHR BNC Strain Reliefs Assorted, Qty. 1250	42-053-62
M59 BNC Strain Reliefs Red, Qty. 50	70-119-01
M59 BNC Strain Reliefs Green, Qty. 50	70-119-02
M59 BNC Strain Reliefs Blue, Qty. 50	70-119-03
M59 BNC Strain Reliefs Yellow, Qty. 50	70-119-04
M59 BNC Strain Reliefs Black, Qty. 50	70-119-05
M59 BNC Strain Reliefs White, Qty. 50	70-119-06
M59 BNC Strain Reliefs Assorted, Qty. 50	70-119-07

Extron Crimp BNC Connector Advantages



Universal Crimp Termination System (continued)

Extron Universal Crimp Termination Kits

- Features cable termination tools and connectors in a rugged canvas bag
- CTU 200 Universal Crimp Tool terminates all Extron coaxial cables including Mini High Resolution (MHR), Mini59, RG59 & RG6 cables
- Cable stripper and 100 BNC connectors for one chosen cable type included
- Save 30% compared to purchasing items separately



Universal Crimp Termination Kit with MHR BNC Connectors

- CTU 200 Universal BNC Crimp Tool
- Hand Wire Stripper for Crimp Tool
- MHR BNC Crimp Connectors – Qty. 100
- Canvas Bag

Part Number: 100-266-01

Universal Crimp Termination Kit with M59 BNC Connectors

- CTU 200 Universal BNC Crimp Tool
- Hand Wire Stripper for Crimp Tool
- M59 BNC Crimp Connectors – Qty. 100
- Canvas Bag

Part Number: 100-269-01

Universal Crimp Termination Kit with RG59 BNC Connectors

- CTU 200 Universal BNC Crimp Tool
- Hand Wire Stripper for Crimp Tool
- RG59 BNC Crimp Connectors – Qty. 100
- Canvas Bag

Part Number: 100-268-01

Universal Crimp Termination Kit with RG6 BNC Connectors

- CTU 200 Universal BNC Crimp Tool
- Hand Wire Stripper for Crimp Tool
- RG6 BNC Crimp Connectors – Qty. 100
- Canvas Bag

Part Number: 100-267-01

BULK CABLES

Crimp Connector to Cable Compatibility

Part #	Description	Extron	Belden	Canare	Liberty	West Penn
100-250-01	BNC male MHR, Qty. 50	MHR-2/5/6, MHRHF-5, MHRVGA			RGB5C-PVC	
100-250-02	BNC male MHR, Qty. 500	MHR-2/5/6, MHRHF-5, MHRVGA			RGB5C-PVC	
100-253-01	BNC female MHR, Qty. 50	MHR-2/5/6, MHRHF-5, MHRVGA			RGB5C-PVC	
100-253-02	BNC female MHR, Qty. 500	MHR-2/5/6, MHRHF-5, MHRVGA			RGB5C-PVC	
100-263-01	BNC male M59 Qty. 50	M59 -3/5/6				
100-263-02	BNC male M59 Qty. 500	M59 -3/5/6				
100-257-01	BNC male RG59, Qty. 50	RG59	1505A & 1506A	V-4CFB & L-4CFB	20-CMR-VIDEO-color & 20-CMP-VID-COAX	819 & 25819
100-257-02	BNC male RG59, Qty. 500	RG59	1505A & 1506A	V-4CFB & L-4CFB	20-CMR-VIDEO-color & 20-CMP-VID-COAX	819 & 25819
100-260-01	BNC male RG6, Qty. 50	RG6, RG6-5	1694A & 1695A		18-CMP-SD, 18-CMP-VID-COAX, RGB5C	6350, WP6354, WP6355, 256350
100-260-02	BNC male RG6, Qty. 500	RG6, RG6-5	1505A & 1506A		18-CMP-SD, 18-CMP-VID-COAX, RGB5C	6350, WP6354, WP6355, 256350

Extron Crimp BNC Cable Termination

BULK CABLES

Step 1

NOTE:
Slide on heat shrink or strain relief and ferrule before stripping cable.

Carefully strip coaxial cable

Step 2

Plastic Sleeve (MHR cable only)

Center Pin

Extron Universal BNC Crimp Tool

Crimp the center pin with the smaller corresponding color-coded chamber

Step 3

Conductor Body

Ferrule - small diameter flush with edge of die.

Use the die's corresponding color-coded larger chamber to crimp ferrule

Step 4

Apply the recommended glue to attach the strain relief.

Install Strain Relief

or

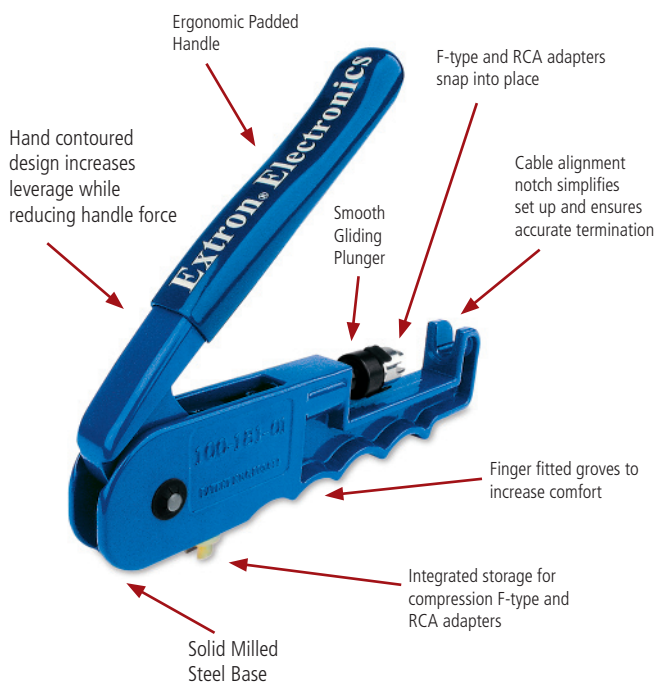
Heat Shrink Tubing

Install the heat shrink or strain relief

Extron Universal Crimp Termination System

CTU 100 Universal Compression Tool

The Extron Universal Compression Tool offers installers the convenience of using a single tool for termination of all Extron coaxial cables – Mini High Resolution (MHR), M59, RG59, and RG6. The heavy-duty milled steel tool is lightweight, compact, and durable to withstand the rigors and abuse of day-to-day installations. The ergonomic design of the tool features a contoured padded handle and finger fitted grooves to increase user comfort, maximize leverage, and ensure a tight, clean termination every time. Each cycle provides cable terminations that withstand 80 pound typical pull tests for RG6 and RG59 cables, and 30 pound typical pull tests for MHR and M59 cables.



BNC Compression Kits

The Extron RG6 and MHR BNC Compression Kits include the Extron Universal Compression Tool, the Compression Coax Prep Tool, and 100 high quality RG6 or MHR BNCs in a convenient carrying case.



MODEL

PART NUMBER

Compression Tools

Universal MHR Compression Kit.....	60-538-01
Universal RG6 Compression Kit	60-538-02

Compression Coax Prep Tool

The Extron Compression Coax Prep Tool quickly and easily prepares Extron MHR, M59 Flex, RG59, and RG6 cables for termination using an Extron compression connector.



MODEL

PART NUMBER

Compression Tools

CTU 100 — Universal Compression Tool	100-181-01
Coax Prep Tool (MHR, RG59, RG6).....	100-183-01
Coax Prep Tool Replacement Blades.....	100-184-01

Compression Connector to Cable Compatibility

Part #	Description	Extron	Belden	Canare	Comprehensive	Covid	Liberty	West Penn
100-186-01	BNC male MHR, Qty 50	MHR- 2/5/6, MHRHF-5, MHRVGA				CVD0500, CVD0600, CVD1300, CVD1400, CVD1500	RGB5C - PVC	
100-186-02	BNC male MHR, Gold, Qty 50	MHR- 2/5/6, MHRHF-5, MHRVGA				CVD0500, CVD0600, CVD1300, CVD1400, CVD1500	RGB5C - PVC	
100-187-01	BNC male M59, Qty 50	M59 -3/5/6						
100-187-02	BNC male M59, Qty 50	M59 -3/5/6						
100-188-01	BNC male RG6 Nkl., Qty 50	RG6, RG6-5	1694A & 1695A		CVC-2565/D	COV1100 & COV3100	18-CMP-SD, 18-CMP-VID-COAX, RGB5C	6350, 256350, WP6354, WP6355
100-188-02	BNC male RG6 Nkl., Qty 50	RG6, RG6-5	1694A & 1695A		CVC-2565/D	COV1100 & COV3100	18-CMP-SD, 18-CMP-VID-COAX, RGB5C	6350, 256350, WP6354, WP6355
100-189-01	BNC male RG59, Nkl., Qty 50	RG59	1505A	V-4CFB & L-4CFB	CVC-8281XF	CVD1100	20-CMR-VIDEO-color	819
100-189-02	BNC male RG59, Gold, Qty 50	RG59	1505A	V-4CFB & L-4CFB	CVC-8281XF	CVD1100	20-CMR-VIDEO-color	819
100-212-01	BNC male RG59-P, Nkl., Qty 50	RG59-P	1506 A		CVC-59P	CVD3100	20-CMP-VID-COAX	25819
100-208-01	F-Type RG6, Nkl., Qty 50	RG6, RG6-5	1694A & 1695A		CVC-2565/D	COV1100 & COV3100	18-CMP-SD, 18-CMP-VID-COAX, RGB5C	6350, WP6354, WP6355, 256350
100-208-02	F-Type RG6, Nkl., Qty 50	RG6, RG6-5	1694A & 1695A		CVC-2565/D	COV1100 & COV3100	18-CMP-SD, 18-CMP-VID-COAX, RGB5C	6350, WP6354, WP6355, 256350
100-209-01	F-Type RG59, Nkl., Qty 50	RG59	1505A	V-4CFB & L-4CFB	CVC-8281XF	CVD1100	20-CMR-VIDEO-color	819
100-209-02	F-Type RG59, Nkl., Qty 50	RG59	1505A	V-4CFB & L-4CFB	CVC-8281XF	CVD1100	20-CMR-VIDEO-color	819
100-210-01	RCA RG6, Nkl., Qty 50	RG6, RG6-5	1694A & 1695A		CVC-2565/D	COV1100 & COV3100	18-CMP-SD, 18-CMP-VID-COAX, RGB5C	6350, WP6354, WP6355, 256350
100-210-02	RCA RG6, Gold, Qty 50	RG6, RG6-5	1694A & 1695A		CVC-2565/D	COV1100 & COV3100	18-CMP-SD, 18-CMP-VID-COAX, RGB5C	6350, WP6354, WP6355, 256350
100-211-01	RCA RG59, Nkl., Qty 50	RG59	1505A	V-4CFB & L-4CFB	CVC-8281XF	CVD1100	20-CMR-VIDEO-color	819
100-211-02	RCA RG59, Gold Qty 50	RG59	1505A	V-4CFB & L-4CFB	CVC-8281XF	CVD1100	20-CMR-VIDEO-color	819

BULK CABLES

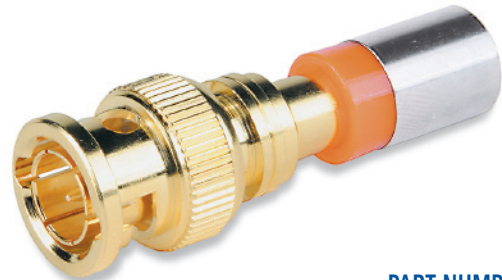
Universal Compression System (continued)

NICKEL PLATED Compression Connectors



MODEL	PART NUMBER
BNC Male Compression Connectors – Nickel Plated	
MHR Compression BNC-Nickel Male, Qty. 50	100-186-01
M59 Compression BNC-Nickel Male, Qty. 50	100-187-01
RG59 Compression BNC-Nickel Male, Qty. 50	100-189-01
RG59P Compression BNC-Nickel Male, Qty. 50	100-212-01
RG6 Compression BNC-Nickel Male, Qty. 50	100-188-01

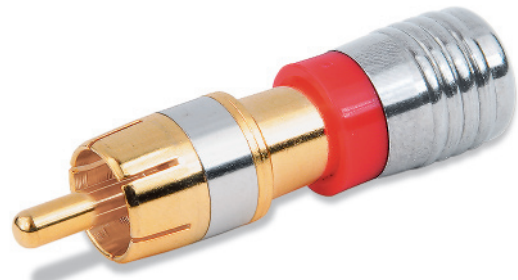
GOLD PLATED Compression Connectors



MODEL	PART NUMBER
BNC Male Compression Connectors – Gold Plated	
MHR Compression BNC-Gold Male, Qty. 50	100-186-02
M59 Compression BNC-Gold Male, Qty. 50	100-187-02
RG59 Compression BNC-Gold Male, Qty. 50	100-189-02
RG6 Compression BNC-Gold Male, Qty. 50	100-188-02



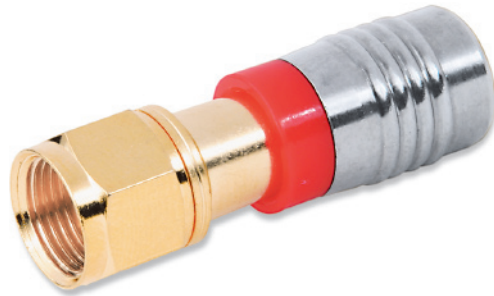
MODEL	PART NUMBER
RCA Male Compression Connectors – Nickel Plated	
MHR Compression RCA-Nickel Male, Qty. 50	100-302-01
M59 Compression RCA-Nickel Male, Qty. 50	100-303-01
RG59 Compression RCA-Nickel Male, Qty. 50	100-304-01
RG6 Compression RCA-Nickel Male, Qty. 50	100-305-01



MODEL	PART NUMBER
RCA Male Compression Connectors – Gold Plated	
MHR Compression RCA-Gold Male, Qty. 50	100-302-02
M59 Compression RCA-Gold Male, Qty. 50	100-303-02
RG59 Compression RCA-Gold Male, Qty. 50	100-304-02
RG6 Compression RCA-Gold Male, Qty. 50	100-305-02



MODEL	PART NUMBER
F-type Male Compression Connectors – Nickel Plated	
RG59 Compression F-type-Nickel Male, Qty. 50	100-209-01
RG6 Compression F-type-Nickel Male, Qty. 50	100-208-01



MODEL	PART NUMBER
F-type Male Compression Connectors – Gold Plated	
RG59 Compression F-type-Gold Male, Qty. 50	100-208-02
RG6 Compression F-type-Gold Male, Qty. 50	100-209-02

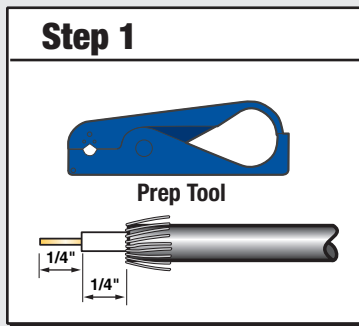
Color Rings for Compression Connectors:

Compression Color Rings Red, Qty. 100	100-306-01
Compression Color Rings Green, Qty. 100	100-306-02
Compression Color Rings Blue, Qty. 100	100-306-03
Compression Color Rings Yellow, Qty. 100	100-306-04
Compression Color Rings Black, Qty. 100	100-306-05
Compression Color Rings White, Qty. 100	100-306-06

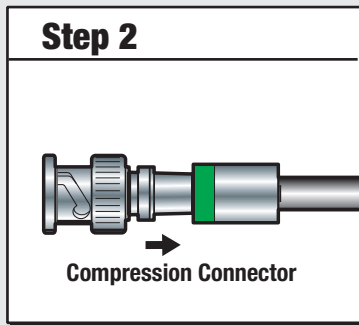


Simple 3-Step Process for Terminating Mini 59, RG59, and RG6 Compression Connectors

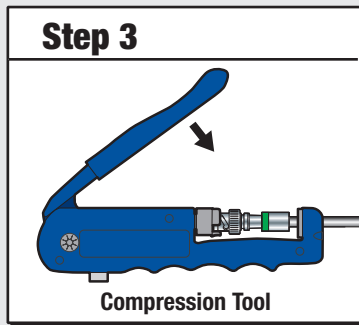
Altogether, the CTU 100 Universal Compression Tool and the Compression Coax Prep Tool, used in conjunction with Extron compression BNC connectors, terminate cables in three simple steps, providing cable connections that withstand 80 pound typical pull tests for RG59 and RG6 cable and a 30 pound typical pull test for MHR.



Prepare cable using coax stripper Prep Tool.

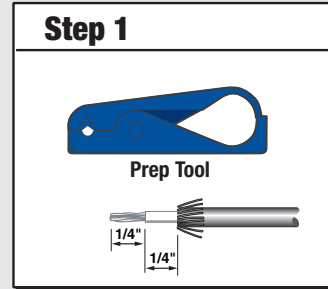


Insert connector onto cable.

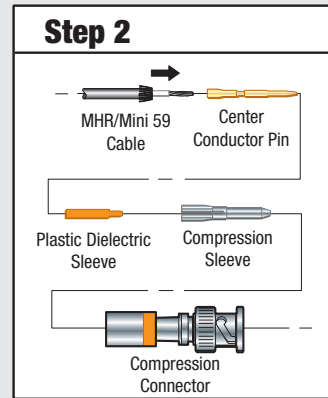


Compress connector and cable together.

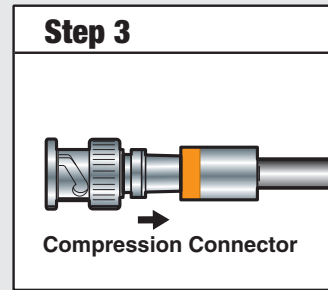
Simple 4-Step Process for Terminating MHR Compression Connectors



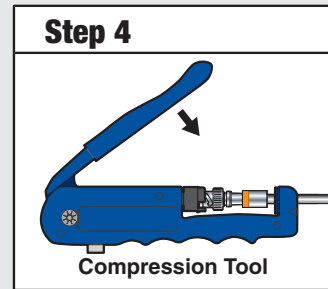
Prepare cable using coax stripper Prep Tool.



Prepare center pin assembly for termination.



Insert connector onto cable.



Compress connector and cable together.