



DATA COMM / NETWORKS

OmniSeal™ Pro Compression Tools

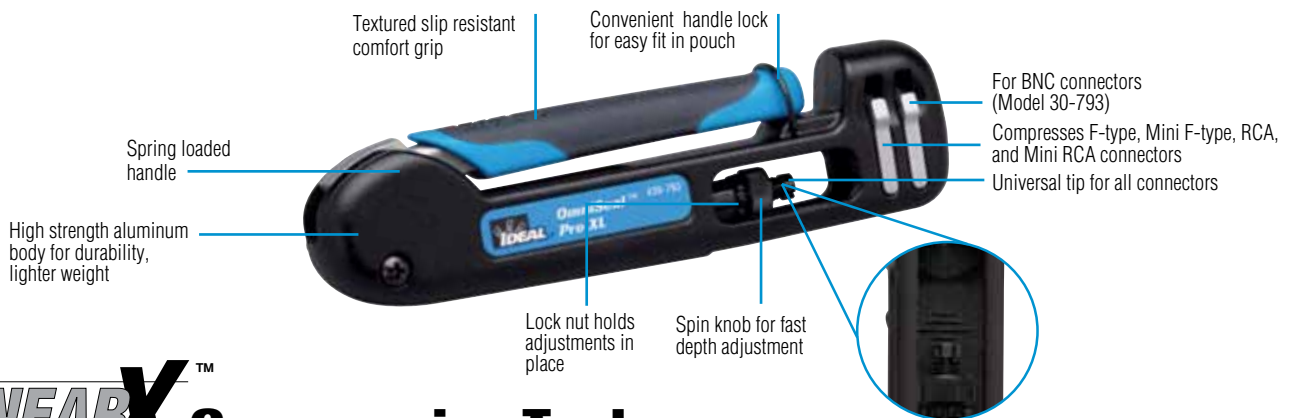
The IDEAL OmniSeal™ Compression Tools now offer additional features and increased connector compatibility in a smaller, more compact tool designed to meet the demands of the professional installer. (OmniSeal™ Pro requires no accessory attachment to terminate IDEAL branded compression connectors.) Most other manufacturers compression connectors can be terminated with an easy plunger depth adjustment. The simple intuitive design combined with its size and universal connector acceptance makes this the only compression tool needed by professional installers.

- Factory preset to work with IDEAL compression connectors
- Compresses F-type, RCA, BNC and Mini connectors
- Adjustable to fit other manufacturer's connectors – no accessory adapters required



Description		Cat. No.
OmniSeal™ Pro XL Compression Tool		30-793
OmniSeal™ Pro Compression Tool		30-603


	BNC	F-Type	RG-11	RCA	Mini Coax
OmniSeal™ Pro XL 30-793	✓	✓	✓	✓	✓
OmniSeal™ Pro 30-603	✓ with adjustment	✓	✓	✓	✓



LINEAR X™ Compression Tools



- Available in fixed and adjustable versions
- Compresses F/BNC/RCA connectors
- Durable and rugged zinc die-cast body with a protective powder coated paint finish
- Linear stroke for consistent compression results and easy operation
- Includes four RTQ™ RG-6 WeatherProof F-Compression Connectors

Description		Cat. No.
LinearX™1 F-Compression Tool (Fixed) with four RTQ™ F-Connectors		33-631
LinearX™3 F/BNC/RCA Compression Tool (Adjustable) with four RTQ™ F-Connectors		33-632



Compression Connectors



RTQ™ Reg/Tri/Quad & Plenum F-Connectors

- Fits 60% regular, tri-shield and quad shield cables
- Nickel-plated, brass-construction for superior corrosion resistance
- Designed for use in satellite and cable TV installations
- WeatherProof™ for indoor and outdoor use
- Use 30-603, 30-793 or LinearX Compression Tools

RG-11 F-Connectors

- Fits 60% regular RG-11 cable
- Nickel-plated, brass-construction for superior corrosion resistance
- Designed for use in satellite and cable TV installations
- WeatherProof™ for indoor and outdoor use
- Use 30-603 or 30-793 Compression Tools
- Use 45-111, 1/4" x 1/4" RG-11 Coax Stripper

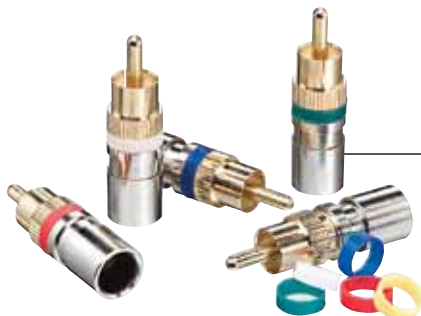


BNC Connectors

- Nickel-plated, brass-construction for superior corrosion resistance
- Moisture-inhibiting design
- Use 30-793 Compression Tool
- 75 Ohm nominal impedance
- Gold-plated pin contact area
- Available in plenum versions

OmniCONN™ F-Connectors

- Non corrosive nickel plated brass body and polycarbonate bushing
- Delrin/Nylon adapter sleeve and o-ring provide double protection for a watertight seal
- Free spinning hex nut for ease of installation onto all 7/16 ports
- 75 ohm nominal impedance
- Two-piece pre-assembled connectors



RCA Connectors

- Constructed of nickel plated brass and gold plated head
- 75 ohm nominal impedance
- Bandwidth up to 3 GHz
- Compatible with 30-603 and 30-793 Compression Tools



Compression Connectors

	Connector Type	Cable Type	Qty.	Cat. No.
	F	RG-6 Reg/Tri/Quad	Card of 4	92-654
			Card of 10	92-651
			Jar of 50	92-650
			Jar of 100	92-656
			Box of 1,000 bulk	92-659
	F	RG-6 Quad	Jar of 50	92-655
	F	RG-6 Plenum	Jar of 50	92-660
	F	RG-59 Reg/Tri/Quad	Card of 10	92-611
			Jar of 50	92-610
	F	RG-11 Plenum	Card of 10	92-212
	F	RG-11	Card of 10	89-211
			Box of 500	89-1211
	F	RG-6	Jar of 50	89-044
	F	RG-6 Quad	Jar of 50	89-045
	BNC	RG-6	Card of 4	92-705
			Card of 15	89-048
			Jar of 35	89-5048
	BNC	RG-6 Plenum	Card of 15	89-050
			Jar of 35	89-5050
	BNC	RG-59	Card of 4	92-704
			Card of 15	89-047
			Jar of 35	89-5047
			Box of 1,000 (10 bags, 100 ea.)	89-1047
	BNC	RG-59 Plenum	Card of 15	89-049
			Jar of 35	89-5049
	RCA*	RG-6	Card of 4	92-582
			Card of 10	89-582
			Jar of 35	89-580
	RCA*	RG-59	Card of 4	92-572
			Jar of 35	89-570

*RCA Connectors include an assortment of color ID bands.

Compression Port Seals – 1/2 in.

- Used with compression F-connectors to weatherproof connectors by placing onto the female port. Made from EPDM for superior sealing.

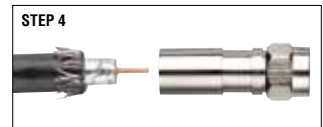
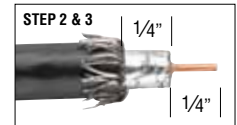


Description	Qty.	Cat. No.
Long Sleeve Compression F-Connector Port Seals, 1/2 in.	Bag of 100	89-127

Compression Connector Instructions

Compression F-Connector

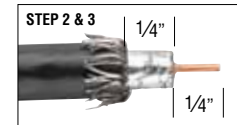
1. Use IDEAL Data T[®]-Cutter (45-074) to cut cable to desired length.
2. Use IDEAL Coax Stripper (45-603 or 45-526) to strip coax to proper dimensions.
 - Proper strip length settings will leave 1/4" of center conductor exposed and 1/4" of braiding (shield) exposed.
 - After stripping, make sure tip of center conductor is straight and not bent. Straighten conductor if necessary.
3. Fold back outer layer of braiding (shield) against cable jacket. Keep braid strands as straight and as close to jacket as possible.
 - Note: For Quad Shield cables (with 4 layers: outer braid, outer foil, inner braid, inner foil), first fold back outer braiding. Use 45-074 to score and remove exposed 1/4" of outer foil. Remove outer foil, and fold back inner braiding.



4. Push F connector on to prepared cable until white center dielectric is flush with bottom of the nut of the F connector.
5. Insert connector/cable assembly into the OmniSeal[™] Pro XL compression tool, squeeze handle completely to compress fitting. Remove completed cable assembly.

Compression RG-11 F-Connector

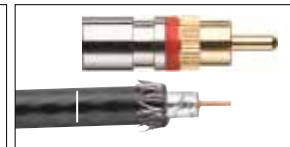
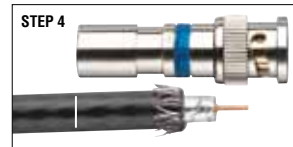
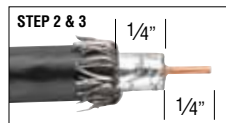
1. Use IDEAL Data T[®]-Cutter (45-074) to cut cable to desired length.
2. Use IDEAL Coax Stripper (45-111) to strip RG-11 coax to proper dimensions.
 - Proper strip length settings will leave 1/4" (minimum) of center conductor exposed and 1/4" of braiding (shield) exposed.
 - After stripping, make sure tip of center conductor is straight and not bent. Straighten conductor if necessary. Conductor must be straight to make proper contact with pin contact inside of connector.
3. Fold back outer layer of braiding (shield) against cable jacket. Keep braid strands as straight and as close to jacket as possible.
 - Note: For Quad Shield cables (with 4 layers: outer braid, outer foil, inner braid, inner foil), first fold back outer braiding. Use 45-074 to score and remove exposed 1/4" of outer foil. Remove outer foil, and fold back inner braiding.



4. Measure and mark cable insertion length. Align tip of center conductor with bottom of hex nut fitting of connector. Mark or lightly score cable jacket near base of connector. Connector should be within 1/8" of this mark after it is pushed on to cable. If it is more than 1/8" away from mark, continue rocking and guiding connector on to cable. Approximately 1-1/4" of cable length should be inserted into connector prior to compressing the connector.
5. Insert the connector/cable assembly into OmniSeal[™] Pro XL compression tool (adjust plunger setting if necessary), squeeze handle completely to compress fitting. Remove completed cable assembly.

Compression BNC/RCA Connectors

1. Use IDEAL Data T[®]-Cutter (45-074) to cut cable to desired length.
2. Use an IDEAL coax stripper (45-603 or 45-526) to strip coax to proper dimensions.
 - Proper strip length settings will leave 1/4" (minimum) of center conductor exposed and 1/4" of braiding (shield) exposed.
 - After stripping, make sure tip of center conductor is straight and not bent. Straighten conductor if necessary. Conductor must be straight to make proper contact with pin contact inside of connector.
3. Fold back outer layer of braiding (shield) against cable jacket. Keep braid strands as straight and as close to jacket as possible.
 - Note: For Quad Shield cables (with 4 layers: outer braid, outer foil, inner braid, inner foil), first fold back outer braiding. Use 45-074 to score and remove exposed 1/4" of outer foil. Remove outer foil, and fold back inner braiding.



4. Measure and mark cable insertion length. For BNC's, align tip of center conductor with top of the nut fitting. For RCA's, align tip of center conductor with top of retention collar. Mark or lightly score cable jacket near base of connector. Connector should be within 1/8" of this mark after it is pushed on to cable. If it is more than 1/8" away from the mark, continue rocking and guiding connector on to cable. Approximately 1-1/4" of cable length should be inserted into the connector prior to compressing connector for BNC. Approximately 1-1/8" of cable length should be inserted into connector prior to compressing connector for the RCA.
5. Insert connector/cable assembly into OmniSeal[™] Pro XL compression tool, squeeze handle completely to compress fitting. Remove completed cable assembly.