IDEAL ®

OmniSeal™ Compression Tools & Connectors

- **Factory pre-set to work with all IDEAL compression connectors**

- **Compress F-type, RCA, BNC, Mini and RG-11 Connectors**

- **Adjustable to fit other manufacturers' connectors – no adapters required**

- **Connectors designed for use in satellite, cable, CCTV and AV systems**

NEW

RG-6 Plenum		
RG-59 Plenum		
RG-59		
RG-6		
RG-6Q		
RG-11		
MINI		

OmniSeal PRO
Made in U.S.A.

F RG-6/Q RTQ	F RG-59 RTQ	F RG-6 Plenum RTQ
BNC RG-6	BNC 6 Plenum	RG-6 RCA
BNC RG-59	BNC 59 Plenum	RCA RG-59
RG-11	Mini RCA Connector	

IDEAL DataComm

CUT · STRIP · TERMINATE · TEST · CERTIFY

OmniSeal™ Pro and Pro XL Universal Compression Tools

The IDEAL OmniSeal™ compression tools offer new additional features and increased connector compatibility in a smaller, more compact tool design to meet the demands of the professional installer. OmniSeal requires no calibration or accessory attachment to terminate IDEAL branded 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.

OmniSeal Pro
30-603

OmniSeal Pro XL
30-793

	BNC	F-Type	RG11	RCA	Mini Coax
OmniSeal Pro XL 30-793	✔	✔	✔	✔	✔
OmniSeal Pro 30-603	(w/adjustment)	✔	✔	✔	✔

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

For BNC connectors
(Model 30-793)

Convenient handle lock
for easy fit in pouch

Spring loaded
handle

Textured Santoprene™
slip resistant
comfort grip

Compresses F-type, Mini
F-type, RCA, and Mini
RCA connectors

High strength aluminum
body for durability,
lighter weight

Universal tip for all connectors

Spin knob
for fast depth
adjustment

Lock nut holds
adjustments in
place

NEW

Allows tool-less
adjustment

Adjustment
lines for
non-standard
connectors

7/16" Hex Socket
makes it easy
to install F-
Connectors

Large flat surface
prevents damage to BNC
connectors with plastic
insulation
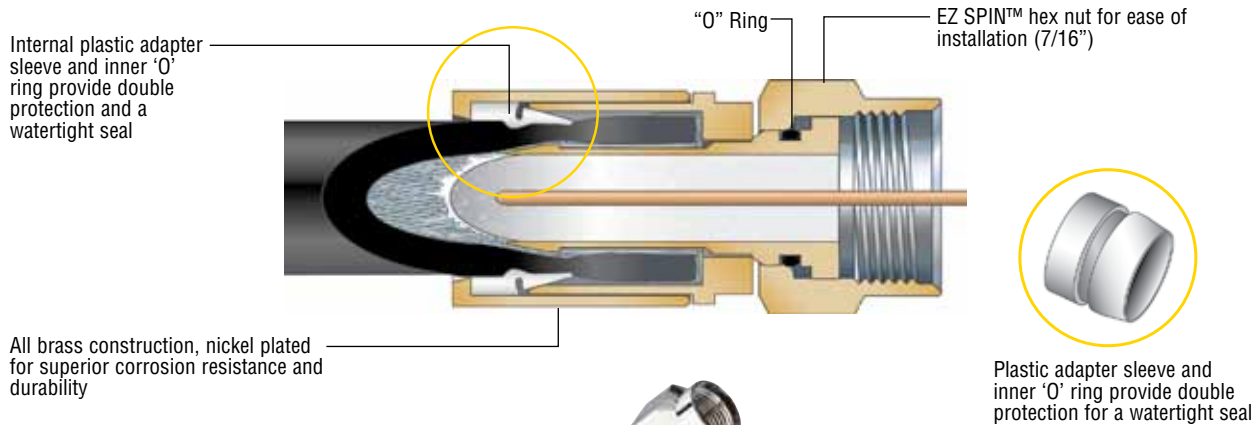
IDEAL Compression Connectors are manufactured to meet the demands of the satellite and cable TV industry. All series of connectors are permanently connected when terminated with an IDEAL OmniSeal™ Compression Tool. All IDEAL compression connectors require a standard 1/4" x 1/4" strip.

- Connectors to fit RG-59, RG-6, Plenum, RG-11 coaxial cable and mini coax
- Designated RTQ connectors fit Regular (dual shield), Tri and Quad shield cables
- Weatherproof for indoor/outdoor use

"O" Ring

EZ SPIN™ hex nut for ease of installation (7/16")

Internal plastic adapter sleeve and inner 'O' ring provide double protection and a watertight seal

All brass construction, nickel plated for superior corrosion resistance and durability

Plastic adapter sleeve and inner 'O' ring provide double protection for a watertight seal

RG-59   *RG-6*   *Plenum RG-6*   *RG-11*

Cat. No.	Description	PKG QTY
92-610	RG-59 Reg/Tri/Quad Compression F-Connectors	50/jar
92-619		1000/box

Cat. No.	Description	PKG QTY
92-654	RG-6 Reg/Tri/Quad Compression F-Connectors	4 pack
92-651		10 pack
92-650		50/jar
92-656		100/jar
92-659		1000/box
92-655		1000 bulk (20 bags of 50)
92-660	RG-6 Plenum, Dual Shield Compression F-Connectors	50/jar
92-669		1000/box

Cat. No.	Description	PKG QTY
89-211	RG-11, Dual Shield Compression F-Connectors	10 pack
89-1211		500/box

Operation Specifications

Bandwidth:	0 MHz - 3 GHz
Impedance:	75 Ohms (nominal)
Return Loss:	Minimum -30 dB @ 3 GHz
Tightening Torque:	30 in-lbs.
Operating Temperature Range:	-40°F to +140°F
Cable Range:	60% through Quad Shield, PE and PVC jackets
Cable Retention:	40 lbs. minimum

Recommended Tools:

Data T®-Cutter	45-074
1/4" - 1/4" Cable Stripper	45-603, 45-526, 45-321 45-262, 45-282, 45-111
Compression Tool	30-603, 30-793
F-Connector Tool	35-046

BNC Compression Connectors

- Single piece design for easy installation
- Nickel plated brass construction
- Color coded by cable series for easy identification
- 3 GHz bandwidth, 75 ohms impedance
- Red band = RG-59; Blue band = RG-6, White band = RG-59 Plenum and Yellow band = RG-6 Plenum

Cat. No.	Description	QTY
92-704	BNC RG-59 Compression Connector	4 Pack
89-047	BNC RG-59 Compression Connector	15 Pack
89-5047	BNC RG-59 Compression Connector	Jar of 35
89-1047	BNC RG-59 Compression Connector	1,000 (100/bag)
92-705	BNC RG-6 Compression Connector	4 Pack
89-048	BNC RG-6 Compression Connector	15 Pack
89-5048	BNC RG-6 Compression Connector	Jar of 35
89-1048	BNC RG-6 Compression Connector	1,000 (100/bag)
89-049	BNC RG-59 Plenum Compression Connector	15 Pack
89-5049	BNC RG-59 Plenum Compression Connector	Jar of 35
89-1049	BNC RG-59 Plenum Compression Connector	1,000 (100/bag)
89-050	BNC RG-6 Plenum Compression Connector	15 Pack
89-5050	BNC RG-6 Plenum Compression Connector	Jar of 35
89-1050	BNC RG-6 Plenum Compression Connector	1,000 (100/bag)

RCA & Mini Compression F–Connectors

- Constructed of nickel plated brass and gold plated head
- 3 GHz bandwidth, 75 ohms impedance
- Identifying bands included
- Mini connectors fit 23 AWG mini cable

Cat. No.	Description	QTY
92-572	RG-59 RCA Compression Connectors	4 Pack
89-572	RG-59 RCA Compression Connectors	10 Pack (14 bands)
89-570	RG-59 RCA Compression Connectors	Jar of 35 (50 bands)
92-582	RG-6 RCA Compression Connectors	4 Pack
89-582	RG-6 RCA Compression Connectors	10 Pack (14 bands)
89-580	RG-6 RCA Compression Connectors	Jar of 35 (50 bands)
89-014SMRCA	Mini RCA Compression Connector	10 Pack

45-074 Data T®-Cutter

- Cuts round communication cable and maintains cable geometry for better cable performance
- Steel reinforced center conductor can be trimmed with bolt cutting holes
- Cushioned comfort grip handles
- Locking latch keeps tool closed in pouch

45-603 Coax/UTP Stripper

- Features two active strip cartridges for all RG-6/6Q/59 and UTP cables
- Push on ring for easy cable into connector insertion
- Rotates easily around finger
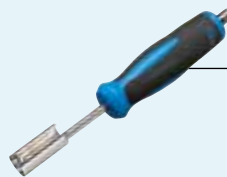- No blade depth adjustments required

45-111 RG-11 Stripper

- Provides a 1/4" x 1/4" strip for RG11 cable
- Adjustable stripper for mini coax cable

NEW

45-321 Cable/Satellite/CCTV Coax Stripper

- Designed for fast and easy 1/4" x 1/4" strip lengths
- Blades auto-adjust to different diameter coax cables
- Spinner ring for fast stripping
- Strips RG-6/6Q/59 coax cable

35-046 Connector Tool

- Works on hex style F and BNC connectors
- Makes attaching and detaching connectors to equipment easier
- Aids in installing CATV connectors
- Comfort grip handle

45-526 Coax Cable Stripper

- Provides a 1/4" x 1/4" strip for RG-6/6Q/59 coax cable
- Adjustable stripper for coax cable

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