

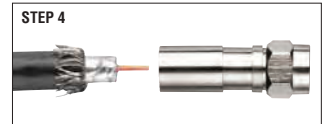
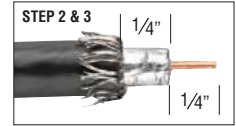
# Compression Connector Instructions

## Compression F-Connector

1. Use IDEAL Data T<sup>®</sup>-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<sup>™</sup> Pro XL compression tool, squeeze handle completely to compress fitting. Remove completed cable assembly.

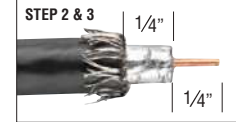


## Compression RG-11 F-Connector

1. Use IDEAL Data T<sup>®</sup>-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.

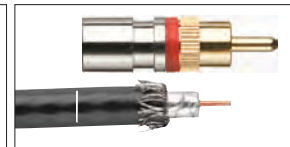
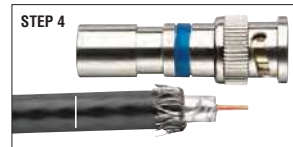
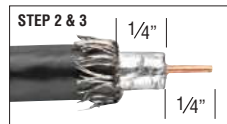


4. Measure and mark cable insertion length. Align tip of center conductor with bottom of hex nut fitting of connector. Mark or lightly score cable jacket near base of connector. Connector should be within 1/8" of this mark after it is pushed on to cable. If it is more than 1/8" away from mark, continue 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<sup>™</sup> 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<sup>®</sup>-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<sup>™</sup> Pro XL compression tool, squeeze handle completely to compress fitting. Remove completed cable assembly.

