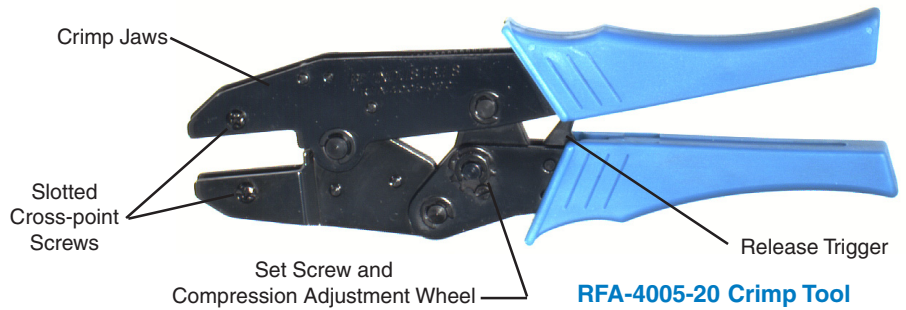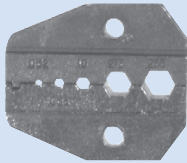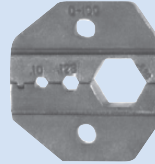# RFA-4005 and RFA-4006 Crimp Tool Kits

WARNING: This tool is not insulated against electrical shock, and should be used with electrically insulated gloves. This tool is not to be used for purposes other than intended.

Crimp Jaws

Slotted Cross-point Screws

Set Screw and Compression Adjustment Wheel

Release Trigger

RFA-4005-20 Crimp Tool

Standard Die Sets

The **RFA-4005-01** die set is used to crimp RG-58/U, RG-59/U, RG-142/U, RG-8X, Proflex and various video cables. Cavity dimensions: .052", .068", .100", .213", & .255".

The **RFA-4005-02** die set is used to crimp RG-8/U, RG-213/U, RG-214/U, and Belden 9913 cables. Cavity dimensions: .100", .128", & .429".

See additional die sets on back.

Crimp Tool Description:

The crimp jaws hold the interchangeable crimp die sets in place, and when the handles of the tool are squeezed, the dies are clamped together. The dies are secured into the jaws by two screws. The screws may be easily removed with either a straight or cross-point screwdriver. A release trigger is provided to release the internal ratchet in case the tool cannot be completely compressed. After much use, the tool may require readjustment of its jaws. This is done with the jaws fully opened by first removing the set screw, then adjusting the compression adjustment wheel counter-clockwise (to the +) in 1 indent steps or until proper adjustment is obtained, and then replace the set screw. The tool should be set so that when fully compressed, the dies clamp firmly together.

Die Set Installation:

To install and change dies, insert the dies into the crimp tool jaws with the larger hex cavity towards the handles and loosely tighten the screws. Then close the jaws to properly align the dies and tighten the screws.
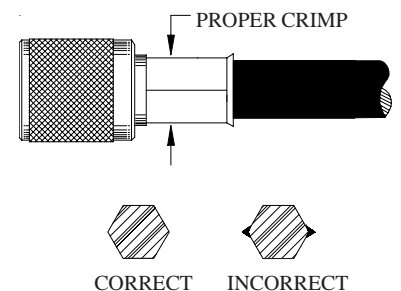
Crimping Instructions:

See applicable RF Industries cable assembly instructions for correct crimp sizes and crimping location(s) on connectors.

<u>Center Contacts</u>**:** Install proper die set into tool. With center contact positioned on center conductor, place contact into correct die cavity and completely compress handles together until handles release themselves.

<u>Ferrules</u>: Position ferrule over braid and/or jacket and crimp in place as outlined in the assembly instructions by compressing handles together until handles release themselves.

Note: If your crimp looks like the diagram on the right below the example, you have either an over-sized ferrule or an undersized crimp die cavity.

PROPER CRIMP

CORRECT   INCORRECT

Ratchet Crimp System
now handles modular plugs and terminals, too

RFA-4006-500

Our new **RFA-4006-500** kit contains two **RFA-4005-20** crimp handles and twenty-two interchangeable die-sets in one convenient, foam-lined plastic case. With one kit you can crimp terminals, modular plugs and coaxial cable from RG-174/U to LMR®-400. This is the most complete crimp kit we have ever offered, and is sure to be a popular one for installers, field technicians and production floor use.

RFA-4005-500
Terminal Crimp Tool Kit
This kit gives you everything you need to cut and crimps all types of insulated and non-insulated strip terminals. It contains the **RFA-4215** wire cutter and stripper, the **RFA-4005-20** crimp handle and seven crimp dies in a foam-lined plastic case.

RFA-4005-505
Modular & Terminal Crimp Tool Kit
This kit contains the **RFA-4005-20** crimp handle, 5 die-sets for modular plugs, 7 die-sets for crimping insulated and non-insulated terminals in a foam-lined plastic case.

RFA-4005-510
Modular Crimp & Punchdown Tool Kit
This kit contains five die-sets for crimping modular plugs, the **RFA-4005-20** crimp handle, and the **RFA-4210** punchdown tool in a foam-lined plastic case.

RFA-4005-512
Modular Crimp & Cut Tool Kit
This kit contains five die-sets designed to crimp RJ-11, RJ-12, RJ-45 and handset modular plugs, the **RFA-4005-20** crimp handle, and the **RFA-4203** wire cutter in a foam-lined plastic case.
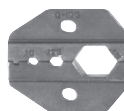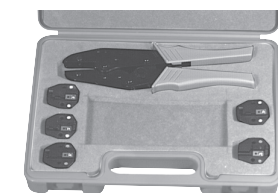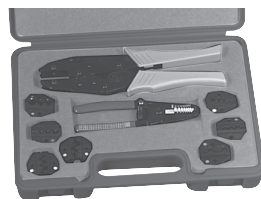
RFA-4005-513
Modular Crimp & Cut Tool Kit
This kit contains five die-sets designed to crimp RJ-11, RJ-12, RJ-45 and handset modular plugs, and the **RFA-4005-20** crimp handle in a foam-lined plastic case with storage space for modular plugs.

RFA-4005-520
Coaxial Crimp & Strip Kit
This kit contains the **RFA-4005-20** crimp handle, the **RFA-4087** coaxial stripper and ten interchangeable die-sets with hex cavities ranging from 0.042" to 0.429" across the flats. This assortment will crimp most coaxial connectors and contacts. All are contained in a rugged, foam-lined case.

RFA-4005-01 *for RG-58/U, RG-59/U, RG-142/U, RG-223/U, RG-400/U, RG-8X, Proflex and various video cables, cavity dimensions: .052", .068", .100", .213" and .255".*
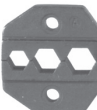
RFA-4005-02 *for RG-8/U, RG-213/U, RG-214/U, and Belden 9913 cables, cavity dimensions: .100", .128" & .429". The .128" cavity crimps the center pin on Belden 9913 cable.*

RFA-4005-04 — *.228", .068", .305", for RG-58/U, RG-59/U, RG-62/U and Cambridge Connectors Series CP-88 & CP-89*

RFA-4005-05 — *.155", .184", .215*

RFA-4005-06 — *.255", .324", .354" for RG-59/U, RG-6/U, and F-Type (CATV) Coax Connectors*

RFA-4005-07 — *.213", .178", .068", .042", for RG-58/U, RG-174/U, RG-316/U Coax Connectors (RFI Cable Groups B and C)*

RFA-4005-08 — *.324", .255", .068", .042", for RG-59/U and Belden 8281 Coax Cable (RFI Cable Groups D and G)*

RFA-4005-09 — *.178", .128", .068", for RG-174/U, RG-188/U, RG-316/U and Mini 59/U Coax Connectors (RFI Cable Group B)*

RFA-4005-10 — *.080", .100", .429" for RG-8/U, RG-11/U and RG-213/U (RFI Cable Group E)*

RFA-4005-12 *for RJ-45, 8 position keyed or non-keyed modular plug, with stripping & cutting for 8 conductors wire*

RFA-4005-14 *crimps coaxial connectors on Belden 9913, LMR®-400, WBC-400 (RFI Cable Group I); .429", .118" hex cavities*

RFA-4005-15 *for RJ-11, 2, 4 or 6 position modular plug, with stripping & cutting for 2, 4, 6 conductors wire*

RFA-4005-16 *for 6 DEC plug, with stripping and cutting for 6 conductors wire*

RFA-4005-17 *for RJ-45 amp plug, with stripping & cutting for 8 conductors wire*

RFA-4005-18 *crimping tool for 10 position modular plug with stripping & cutting for 10 conductors wire*

RFA-4005-21 *for non-insulated terminals AWG 22-8*

RFA-4005-22 *for non-insulated flag terminals from 0.5 to 2.5 sq.mm. AWG 22-18, 16-14*

RFA-4005-23 *for cord end terminals from 0.5 to 10 sq.mm. AWG 22-8*

RFA-4005-24 *for insulated terminals from 0.5 to 6 sq.mm. AWG 22-18, 16-14, 12-10*

RFA-4005-25 *for non-insulated open barrel terminal from 0.5 to 6 sq.mm. AWG 22-18, 16-14, 12-10*

RFA-4005-26 *for non-insulated terminals and cable lugs from 1.5 to 6 sq.mm. AWG 22-18, 16-14, 12-10*

RFA-4005-27 *for non-insulated terminals DIN 46234 from 0.5 to 10 sq.mm. AWG 22-18, 16-14, 12-10, & 8*

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