

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[3M](#)
[E-9R](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Scotchlok™ E-9R Hand Crimping Tool



Single-stroke, ratchet–release crimping action with integrated wire cutter for 3M™ Scotchlok™ Connectors ensures a positive connection the first time, every time.

3M's E-9R crimping tool is the latest innovation in industry-leading Scotchlok cable connection technology for telecom applications. This lightweight, handheld tool features single-stroke, parallel crimping action with a work-saving 10:1 mechanical advantage over applied hand force. The tool's innovative ratchet-release design indicates a positive crimp by automatically releasing after each successful connection. An integrated wire cutter allows the user to trim conductors prior to each connection without changing tools. These features and the tool's ergonomic design enhance user productivity by reducing fatigue and eliminating costly, time-consuming mis-connects.

The E-9R crimping tool is compatible with all 3M™ Scotchlok™ Connectors including UY, UR, UY2, UR2,

UP2, UAL, UP3, UB, 211 and UB2A units across the entire range of applicable wire sizes. This single tool provides superior operating characteristics in a cost-effective replacement for the model 3M™ E-9E and E-9Y Hand Crimping Tools.

Single-stroke, Ratchet-Release Action

The E-9R crimpers's unique single-stroke, ratchet-release operation provides the craftsman with a positive crimp indication by releasing only after the connector has been fully depressed and the connection made (see fig. 1) – eliminating judgment calls by the craftsman, possible service disruptions or costly return trips. The E-9R provides a complete, secure crimp every time.

Integrated Wire Cutter

The E-9R tool improves efficiency by enabling users to effortlessly cut 26 AWG to 19 AWG (0.4-0.9 mm) copper wire and crimp all 3M™ Scotchlok™ Connectors without changing tools. To reduce the potential for misuse, the cutting surface is segregated from the crimping jaws and will not accept connectors. A spare blade and spring pin are conveniently stored in the handle cap (see figure 2). Simply pry the cap off with a flat screwdriver for access to the new blade or to temporarily store the discarded blade.



Figure 1

Industrial-Strength Quality

The E-9R hand crimp is specifically designed to handle the rigors of daily commercial use. It functions effectively across a wide range of temperatures, withstands repeated drops and is unaffected by exposure to common solvents. The tool's light-weight and ergonomic design minimize user fatigue for more productive days in demanding high-volume environments. All ratchet adjustments are made at the factory and last the life of the tool. Field maintenance consists of occasional cleaning and lubrication. The tool is tested to 50,000 crimps with no performance degradation, backed by 3M's standard one-year warranty.



Figure 2

Features and Benefits

- Single-stroke, ratchet release design ensures positive crimps with Scotchlok connectors
- Powerful 10:1 parallel crimp mechanical advantage over applied hand force
- Trim and crimp without changing tools

- Easy maintenance, no field adjustments required
- Lightweight, ergonomic design reduces fatigue and boosts productivity
- Reduces costly service disruptions and call-backs
- Rugged construction for daily use in harsh environments

Product Specifications

| 3M Scotchlok E-9R | Tool Action | For Scotchlok Connectors |
|-------------------|---|---|
| | <ul style="list-style-type: none"> • Single-stroke • Ratchet-release design • Positive crimp indicator | <ul style="list-style-type: none"> • UY • UR • UY2 • UR2 • UP2 • UAL • UP3 • UB • 211 • UB2A |

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.



Telecom Access Division
3M Telecommunications

6801 River Place Blvd.
Austin, TX 78726-9000
www.3M.com/telecom
800 426 8688
Fax 800 626 0329

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of one (1) year from the date of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**

3M and Scotchlok are registered trademarks of 3M.



40% Pre-consumer waste paper
10% Post-consumer waste paper

Litho in USA.

© 3M IPC 2002
80-6111-3154-3 (70210.0)JHA/LP