

PRODUCT SHEET: WIRING PENCIL RRB-103. Solderable Enamel (QSE) without Brake

The Roadrunner Wiring Pencil or wiring pen, is a prototype wiring tool and is crucial to prototype wiring, electronic construction and PCB or PWB circuit rework and repair.

With its quality stainless steel tip, the wiring pencil or pen is an extremely versatile, flexible and robust utility hand tool and would be a practical addition to any toolbox, workbench or field toolkit.



Standard Wiring Pencil (QSE) RRP-103

This Wiring Pencil or wiring pen without Brake is preloaded with a Solderable Enamel Wire Bobbin or wire spool.

The original Roadrunner® Wiring Pencil prototype wiring tool (of registered design), is well balanced and easy to handle, with a long life stainless steel tip for high speed accurate wiring, even in the most confined areas.

Wire feed tension is varied by gently adjusting the bobbin supports or adjusting the angle of the device during the wiring process. A full, ready to use bobbin of wire or wire spool, is supplied with each pencil.

This wiring tool, is recommended for: more advanced students, technicians, engineers or hobbyists for the assembly and wiring of logic, microprocessor or discrete electronic circuits using the Roadrunner Wiring System, Surface Mount Technology (SMT) Wiring; for end of line or Field Service for PCB or PWB track repair, rework, shorting links or modifications.

Replacement Solderable Enamel (QSE) Bobbins: Part Nos.:

Wire Diameter: 0.15mm or 38swg

RRP-C-105: Copper/Gold

RRP-G-105: Green



RRP-P-105: Pink/Red
RRP-V-105: Violet/Blue
RRP-A-105: Assorted – one of each of the above

Wire Diameter: 0.19mm or 36swg
RRW-C-105: Copper/Gold
RRW-G-105: Green
RRW-P-105: Pink/Red
RRW-V-105: Violet/Blue
RRW-A-105: Assorted – one of each of the above

Safety Note: The coloured Solderable Enamel Wire (QSE) bobbins are interchangeable with the TCW bobbins Wiring Pencils (RRP-104 and RRP-124). The coloured bobbins are insulated and the insulation is removed at the connection points using a temperature controlled soldering iron.

The Tinned Copper Wire (TCW) used in wiring pencils, RRP-104 and RRP-124, is NOT INSULATED. If TCW wires touch each other they will short out!

How to Use the Roadrunner Wiring Pencil or Pen

To find out how to use the Roadrunner Wiring Pencil, whether using the Roadrunner Wiring System with intricate inter-connections, wiring a simple discrete component circuit, or for rework or PCB track repairs, read:

Notes for Guidance When Using the Roadrunner Wiring Pencil/Wiring System

And

Rapid Wiring with Roadrunner – This is all about the Roadrunner Wiring System

For Wire Specifications, read:

Solderable Enamel Wire Data Sheet

Safety Data Sheet