

PRODUCT SHEET: WIRING PENCIL RRB-123. Solderable Enamel (QSE) with 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.



Wiring Pencil with Brake: RRP-123

Wiring Pencil with Brake: RRP-123 This Wiring Pencil or Wiring Pen with Brake is preloaded with a Solderable Enamel Wire Bobbin or wire spool.

Based on the standard version, the wiring pencil has been enhanced and now incorporates a finger brake, which operates against the bobbin of wire or wire spool and accurately controls wire tension.

A full, ready to use bobbin of solderable enamel wire 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 on 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