



General Information

Kit Part Number:	2-2110842-0
Description:	MiniSeal and SolderSleeve Wire Splice Kit
Application:	C4ISR, Commercial Aerospace, Gaming Industries, Ground Defense, Machine Tools, Military Marine, Military/Aerospace, Missile Defense and Weapons, Offshore/ Civil Marine, Space
Family:	Devices
TE Brand:	RAYCHEM Products
Solution:	Heat Shrinkable Products
Product Type:	Terminals & Splices, Wire-to-Wire Connectors
Number of Pieces:	60
RoHS:	No

Specifications

High Temperature Applications:	150S- 200C
Insulation:	Transparent Heat-Shrinkable
Tool Included:	No
Wire Gauge (AWG):	16-12, 20-16, 26-20

Product Highlights

Tyco Electronics offers many products for wire-to-wire splicing: SolderSleeve splicing devices, SolderGrip splices, DuraSeal and MiniSeal crimp splices. Like all TE Connectivity interconnect products, the wire-to-wire splicing devices are rugged and reliable, yet easy to install. Designed for applications with temperatures up to 200°C [392°F], products in this kit include SolderSleeve splicing devices, which can be used to make sealed or unsealed splices. In a single step, they solder, insulate, encapsulate, and strain-relieve a wide range of wire sizes. Small, lightweight, and low-profile MiniSeal high-performance crimp splices, which substantially reduce wire bundle size and weight, are QPL-listed to the MIL-S-81824 specification, and are required by the MIL-W-5088 specification.

Features and Benefits

- Transparent polyvinylidene fluoride or polyolefin sleeve provides encapsulation, inspectability, strain relief, and insulation
- Prefluxed solder perform provides a controlled soldering process
- One-piece design makes installation easy and lowers the installed cost
- With one or two wires per end, the NAS 1744 splices meet 75,000 ft [22,000 m] altitude immersion requirement
- Thermochromic temperature indicator in the NAS splices facilitates termination and inspection
- UL and CUL recognized

Applications

- C4SR
- Commercial Aerospace
- Ground Defense
- Military Aerospace
- Military Marine
- Missile Defense
- Offshore/ Civil Marine
- Space



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
D-200-83	5	200 Mini Seal Crimp, 20-16 AWG	Datasheet	Details	Search
D-1744-04	5	10000-13000 CMA Wire Splice		Details	Search
D-1744-02	5	2000-4000 CMA Wire Splice		Details	Search
D-110-41	5	One or Two Wires Per End, Splash Proof SolderSleeve		Details	Search
D-1744-03	5	4000-10000 CMA Wire Splice		Details	Search
D-110-0101	5	One or Two Wires Per End, Splash Proof SolderSleeve		Details	Search
D-200-82	5	200 Mini Seal Crimp, 26-20 AWG	Datasheet	Details	Search
D-200-84	5	200 Mini Seal Crimp, 16-12 AWG	Datasheet	Details	Search
D-436-36	5	436 Mini Seal Crimp, 26-20 AWG		Details	Search
D-436-37	5	436 Mini Seal Crimp, 20-16 AWG		Details	Search
D-436-38	5	436 Mini Seal Crimp, 16-12 AWG		Details	Search
D-110-0083	5	One or Two Wires Per End, Splash Proof SolderSleeve		Details	Search

Recommended Tool

Part No.	Included in Kit
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TE connectivity Authorized Distributor

Kit Part No. **2-2110842-0**

RAYCHEM Crimp and Solder Wire Splicing Connector Kit

MiniSeal and SolderSleeve Wire Splice

- Transparent Heat-Shrinkable Insulation
- High Temperature Applications: 150°C-200°C
- 26-20, 20-16 and 16-12 AWG MiniSeal Crimp
- 26-10 AWG SolderSleeve
- Provides Strain Relief
- Immersion Resistant

Additional kits available at: www.productkits.com

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WARNING: Failure to follow all instructions in Application Specification (MFP 408-02, MFP-200-03 & MFP 400-01) available at www.te.com/resources, including using only approved TE tooling (if applicable), can result in improper installation and/or improper effect to equipment and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

60
pieces



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Produced from TE Connectivity. Kits designed and assembled by Waldom Electronics.