General Information

Kit Part Number:	1-2110842-5
Description:	Tinel-Lock Ring and Adapter Kit
Application:	Commercial Aerospace, Ground Defense, Military Marine, Military/Aerospace, Missile Defense and Weapons, Offshore/ Civil Marine, Space
Family:	Tinel-Lock Adapters
TE Brand:	RAYCHEM Products
Solution:	High Performance Sealing and Strain Relief
Product Type:	Adapter
Number of Pieces:	12
RoHS:	No

Specifications

Adapter Family:	TXR54
Adapters:	Tinel-Lock, Straight, Angle, High Performance, Strain Relief
Angle:	Straight, 90 Degree
Entry Size:	04, 06, 08, 14
Finish:	Cadmium Olive Drab
Material:	Aluminum Alloy
Operating Temperature:	-55 to +120 °C
Tinel-Lock Ring:	Unattached
Tool Included:	No

Product Highlights

For high-performance sealing and strain relief, the perfect mate for a TE Connectivity molded part in a wiring application is a Raychem brand adapter. TE Connectivity offers a variety of Raychem brand adapters for applications in many industries, including aerospace, marine, and mass transit. These adapters are available in many configurations to match applications, easy to install, Ideal for high-reliability applications, kitted for customer convenience. Spin-coupling adapters are two-part components that have a rotatable coupling nut and a grooved body designed to accommodate lipped-type heat-shrinkable boots.The Tinel-Lock adapter utilizes TE Connectivity Tinel ring to terminate the overall shield to the adapter. The Tinel ring is a low-profile, high-strength, shape-memory-alloy shield-termination device available in many sizes to accommodate various entry sizes and shield configurations. Tinel-Lock adapters are ideal for lightweight aerospace applications requiring repeated high-to-low temperature cycles.

Features and Benefits
- The Tinel-Lock ring is made from a special shape memory metal that shrinks uniformly when heated
- The Tinel-Lock ring is used to terminate copper cable braid directly onto the rear of the adapter
- The adapter entry size and ring designator must be selected to suit the cable diameter and braid type

Applications
- C4ISR
- 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
TX54AB00-1004	1	Tinel-Lock Adapter		Details	Search
TX54AB00-1406	1	Tinel-Lock Adapter		Details	Search
TX54AB00-1608	1	Tinel-Lock Adapter		Details	Search
TX54AB00-2014	1	Tinel-Lock Adapter		Details	Search
TX54AB90-1006	1	Tinel-Lock Adapter		Details	Search
TX54AB90-1204	1	Tinel-Lock Adapter		Details	Search
TR04AI-TINEL-LOCK-RING	2	Tinel-Lock Ring		Details	Search
TR06AI-TINEL-LOCK-RING	2	Tinel-Lock Ring		Details	Search
TR08AI-TINEL-LOCK-RING	2	Tinel-Lock Ring		Details	Search
TR14AI-TINEL-LOCK-RING	2	Tinel-Lock Ring		Details	Search

Recommended Tool

Part No.	Included in Kit
AD-5000	No
AD-5010	No

TE Authorized Distributor | Wire Management Category

Kit Part No. **1-2110842-5**

BILL OF MATERIALS

To re-order this kit, please visit **www.productkits.com/Buy/1-2110842-5**

Brand Part No.	TE Part No.	Qty	Bin Location	Description
		1	1	Twist-Lock adapter
		1	2	Twist-Lock Ring
		1	3	Twist-Lock adapter
		1	4	Twist-Lock Ring
		1	5	Twist-Lock adapter
		1	6, 9	Twist-Lock Ring
		1	7	Twist-Lock adapter
		1	8	Twist-Lock adapter
		1	10, 12	Twist-Lock Ring
		1	11	Twist-Lock adapter
			13	

1	2	3	4
5	6	7	8
9	10	11	12
13			

Bin Diagram
This edge to hinge

NOTE: Recommended Heating Tools: AD-8000, RH-38KX and AD-5510-TWGLABRCH-230V (Not included.)
Additional kits available at **www.productkits.com** or contact a TE Connectivity Authorized distributor.

Assembled by Waldom Electronics in the USA.

Wire Management Category

TE connectivity

Authorized
Distributor

Kit Part No. **1-2110842-5**

RAYCHEM Connector Kit

Tinel-Lock Rings and Adapters

• Aluminum Alloy Material
• Straight or Angle Tinel-Lock Adapters
• Cadmium Olive Drab Finish Included, others Available
• Unattached Tinel-Lock Shape Memory Alloy Rings Included
• Added Sealing Capability Achieved with Complimentary Boot

Additional kits available at: **www.productkits.com**

RAYCHEM, Tinel-Lock, TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks of the TE Connectivity Ltd. family of companies.

DANGER: Failure to follow all instructions in Application Specification MPS-101 (available at www.te.com/documents), including using only approved TE tooling (if applicable), can result in improper installation and/or crimping which is dangerous and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

12
pieces

0 10151 17610 5

**Product from TE Connectivity.
Kits designed and assembled
by Waldom Electronics.**