

# Glenair/Raychem Product Brief Self-Locking Tinel-Ring Shield Termination System



## Applications

The Glenair/Raychem Self-Locking Tinel-Ring Shield Termination System features the industry standard Tinel-Lock® termination ring for advanced, high frequency electromagnetic shielding and Glenair's unique self-locking coupling nut for fool-proof connector accessory installation. Typical systems consist of ETFE convoluted tubing, cast aluminum adapters and transitions, and a selection of braid materials to meet the most stringent electromagnetic shielding requirements. The self-locking coupling system ensures continued protection even in severe shock and vibration conditions. And no other system on the market is easier to install or repair.

Fittings are available in straight, 45° and 90°. The selection of end-fittings and adapters include bulk-head feed-throughs, branching hardware, and Y and T transitions. A broad selection of overbraiding, shielding and jacketing is offered. The Glenair/Raychem partnership provides unsurpassed availability and ordering convenience by combining the industry standard Tinel-Lock® into a complete conduit and connector accessory solution.

System Components can be supplied completely wired and terminated, ready for immediate use, or as component elements. Conduit material options include lightweight, halogen-free PEEK for applications which require advanced protection against fire related outgassing of poisonous gasses. System transitions and adapters provide complete flexibility in routing, and are fully inter-mateable and interchangeable with similar systems already in the field. No other system offers such a range of performance advantages as this Glenair/Raychem solution.

## Key Features and Benefits

- Optimized High Frequency Shielding Up to 70db Isolation
- Superior Resistance to High Temperature Stress Relaxation
- Broader Operating Temperature Ranges
- Better Resistance to Mechanical Damage
- Fool-Proof Self-Locking Coupling System
- 3/16 to 2 Inch Conduit Range
- ETFE, FEP, PFA and PEEK Material Options
- Complete Range of Fittings and Transitions
- Superior Shock and Vibration Performance

## The Complete Capability Company

In addition to being the world's leading manufacturer and supplier of electrical connector accessories, Glenair offers a complete range of fiber optic systems, specialty connectors, conduit, microminature connectors and accessories, assembly tools and custom cable assemblies. Glenair maintains the world's largest inventory of commercial and Mil Spec connector accessories, and offers the industry's fastest turnaround on quotes and custom orders. Our worldwide presence has made Glenair the supplier of choice for companies whose business interests, like ours, span the globe.



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