Safe-D-LOCK® Self-Locking SMA Connectors

INTRODUCTION

Safe-D-LOCK® connectors offer a reliable alternative to conventional self-locking connectors, adhesive compounds, and safety wire. The unique design installs quickly without wasting valuable mass or space in the host system. Safe-D-LOCK locks to the D-FLAT on the mating connector. This provides a true lock that cannot be compromised when the cable is rotated. Safe-D-LOCK technology is contained entirely in the coupling nut of the connector. This allows the feature to be easily ported into different implementations, including low-profile, right-angle connectors.

Key Features
- Eliminates post-mate staking adhesives & FOD-prone safety wires
- Flight heritage cryogenic operation to 20 Kelvin
- Mated interfaces overcome cable integration torque, guaranteeing glitch-free signal integrity
- 50% weight savings over conventional self-locking connectors
- Modular design ports easily and economically to all SMA, 2.92 mm, and 3.5 mm connector families

MATING CONNECTOR (D-FLAT) REQUIREMENTS

To ensure proper mating and locking of Safe-D-LOCK, please make sure your mating connector meets these requirements

Note: Conventional self-locking connector mass: 10.3 g REF

See our full line of RF/Microwave Connectors at: CarlisleIT.com/products/connectors-accessories/rf-microwave-connectors/

+1 (800) 458-9960
Sales@CarlisleIT.com

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