

3M™ Slim Lock Closure

The new 3M™ Slim Lock Closure for wireless weatherproofing applications is a compact closure that protects RF connections at the cell site, even when those connections are close together. As a result of Multiple In Multiple Out (MIMO) antenna requirements for LTE and the trend toward multiband multiservice antennas, RF connector density on the antenna is becoming problematic for older, bulkier weatherproofing solutions. Tapes and mastics, for instance, are difficult to use in these congested areas.

The 3M Slim Lock Closure is reusable, re-enterable and tool-less, making it a time-saving, cost-effective, easy-to-use solution for the wireless industry. It can be used at the RF connection points on both the antenna and Remote Radio Unit (RRU) in an FTTA installation. RF connections need to be protected so that moisture cannot intrude, which can lead to signal integrity issues.

Air is displaced around protected interconnections using a highly compliant sealing gel technology providing a robust sealing interface. This closure can be opened and reused without disconnection of the network, thereby avoiding signal interruptions and additional replacement costs.

The Slim Lock Closure is a one-handed, easy-to-use weatherproofing device that fits in small spaces allowing for fast installation and designed to outperform most products and technologies currently in the market.



Multiple 3M™ Slim Lock Closures installed on a Multiple In Multiple Out (MIMO) antenna.



3M™ Slim Lock Closure for wireless applications



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Features	Benefits
Compact design	Fits in small or congested areas
One-handed operation	Fast installation
Easy to install/remove	Minimal training needed
Reusable	No extra supplies needed to re-seal
Re-enterable	Allows for PIM/sweep testing
Tool-less	Allows ease of installation and re-entry

Specifications	
Environmental protection	IP68
Operating temperature	-40 to 65°C
Icing/freezing rain tolerance	Mil-Std-810
Blowing rain tolerance	GR-3151-CORE

Mechanical compatibility

- Offers protection for DIN 7-16 connector interfaces
- Accommodates cable diameters of 0.53 to 0.63 inches

Ordering Information

Product Number	Product Description	3M ID	Min. Order
SLC-716	Slim Lock Closure	80-6113-8755-8	12 each

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