

Threaded radio frequency connectors installed in Distributed Antenna Systems (DAS) are frequently subjected to tampering by unauthorized personnel. Connector tampering may go undetected and result in the loss of communication service which may in turn, result in loss of life and property in emergency situations.

Gamma Tamper Lock (GTL-1) is a rugged, single use locking device that secures DAS radio frequency connectors to prevent tampering by unauthorized personnel. This means that tampering can only be accomplished if the enclosure is removed by deliberately cutting off two or more of its four locking mechanisms or if the unit is pried open, which will also destroy at least two or more of the locking mechanisms.



Characteristics

- Secures DAS radio frequency connectors
- Single use locking device
- Removable by deliberately cutting off two or more of its four locking mechanisms or if the unit is pried open
- Constructed of two Polycarbonate/ABS molded half-shells that lock into a single unit
- Tampering by unauthorized personnel may be detected by observing broken locking mechanisms or the removal of the GTL-1.

GTL-1 is constructed of two Polycarbonate/ABS molded half-shells that lock into a single unit when pressed together. Once the DAS connector is properly installed and torqued, it can be rendered tamper-proof by placing the two half-shells of the GTL-1 over the connector, aligning the male and female halves, and pressing them together until they lock.

Once the enclosure is locked into place, a label may be attached to the GTL-1 to document the installation date, installer name, company name, and other information. The integrity of the original enclosed connection can be verified by spinning the GTL-1 to verify it is still assembled and locked. Connector tampering by unauthorized personnel may be detected by observing broken locking mechanisms or removal of the GTL-1.



Ordering Information

Part Number	Cable Connection	Width	Length	Outer Diameter	Connector Diameter	Cable Outer Diameter
GTL-1	Commscope (4.3-10 & Type N) & JMA Connectors	2.27"	3.22"	1.27"	1.11"	.75"