

PlugLock

Locking accessories for 38999, RJFTV, USBFTV Connectors and Caps...



The contribution of Connectors to better Cybersecurity - 38999 Series III, RJFTV, USBFTV...

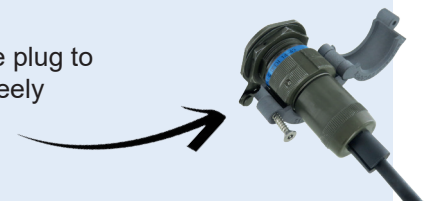
Cybersecurity is achieved through a combination of precautions, not just one, such as a password. One way to reduce the risk of opportunity intrusion into the electronics through the connectors is by adding locking devices.



Main Characteristics :

- Locking system preventing any access to critical connector. Prevent from intrusion or human error.
- For MIL-DTL-38999 series III shell type.
- Shocks : IK06 : weight of 250g drop from 40cm [15.75 in] onto the caplock or pluglock mounted.
- 3D Printed with composite material.
- Colour : Grey.
- 2 Locking types available:
 - Cable seal, metal wire, must be cut to unlock.
 - Torx Safety screw, removable with an adapted key wrench.
- Operating temperature:
 - For CapLock and PlugLock: -40°C / +85°C
 - For Metal CapLock: -65°C / +200°C

PlugLock is a locking ring that allows a plug to lock onto a receptacle to secure the plug to receptacle connection. Once locked around the plug coupling nut, Pluglock turns freely around it and prevent the fingers from unlocking it.



Watch our video

Scan
& discover !

PlugLock assembly
instruction video

Markets & Applications



C5ISR
Network Access & Maintenance Ports securing
Military Computers Ports securing
SDR Radios Ports securing
Human Machine Interface securing



Naval
Consoles Ports securing
Network Access & Maintenance Ports securing
Data Centers



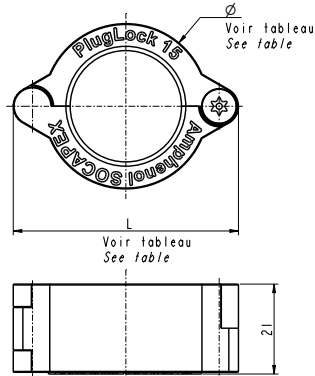
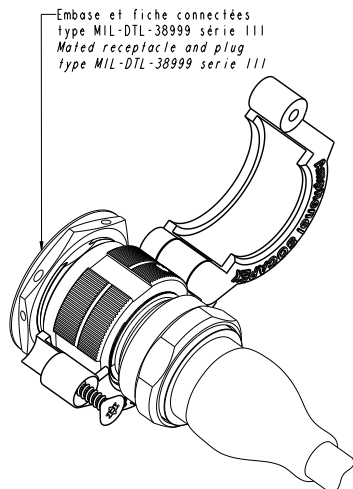
Military Aerospace & Airframe
Radars
Display unit
Flight control system



Military vehicles
Vetronics
Optronics
Communication Systems

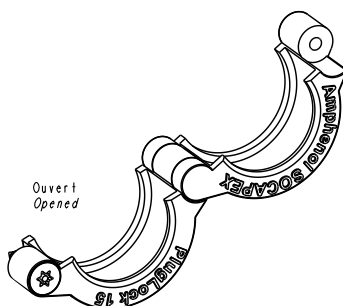
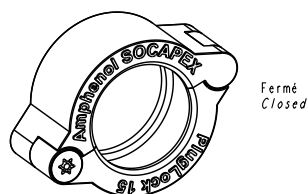
Overall dimension

Part number type: **PlugLock XX TX**

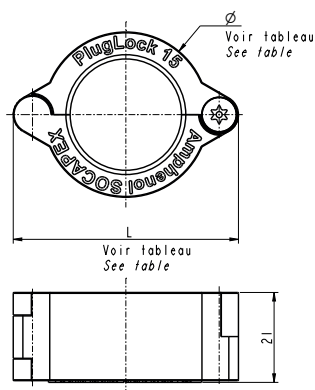
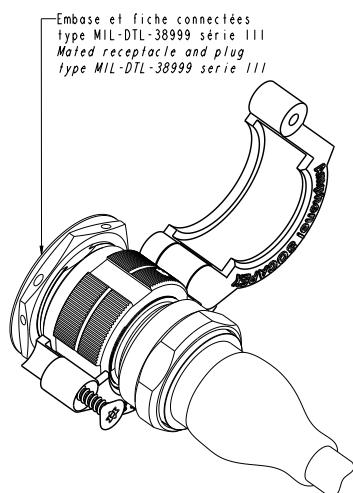


Shell size	Ø ±0.2/[0.008]	L ±0.2/[0.008]
T09	28.3 / [1.102]	42.3 / [1.653]
T11	31 / [1.220]	45 / [1.771]
T13	35.4 / [1.377]	49.4 / [1.929]
T15	38.6 / [1.496]	52.6 / [2.047]
T17	42.1 / [1.653]	56.1 / [2.204]
T19	44.8 / [1.732]	58.8 / [2.283]
T21	48 / [1.889]	62 / [2.440]
T23	51 / [2.007]	65 / [2.559]
T25	54.2 / [2.125]	68.2 / [2.677]

Tools to be ordered separatly

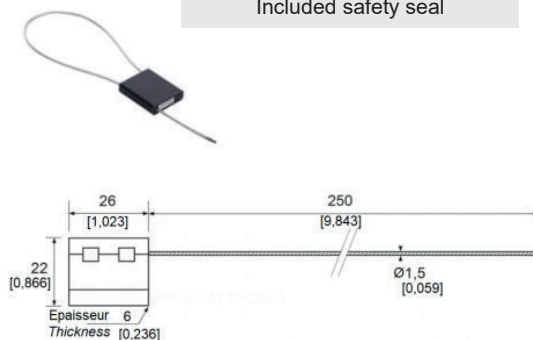
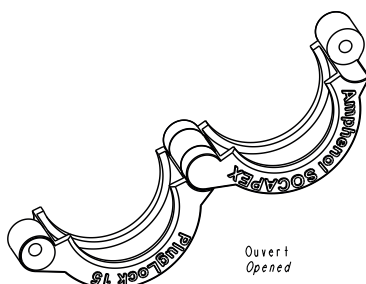
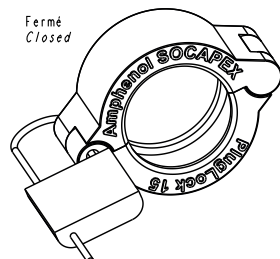


Part number type: **PlugLock XX WR**



Shell size	Ø ±0.2/[0.008]	L ±0.2/[0.008]
T09	28.3 / [1.102]	42.3 / [1.653]
T11	31 / [1.220]	45 / [1.771]
T13	35.4 / [1.377]	49.4 / [1.929]
T15	38.6 / [1.496]	52.6 / [2.047]
T17	42.1 / [1.653]	56.1 / [2.204]
T19	44.8 / [1.732]	58.8 / [2.283]
T21	48 / [1.889]	62 / [2.440]
T23	51 / [2.007]	65 / [2.559]
T25	54.2 / [2.125]	68.2 / [2.677]

Included safety seal



HOW TO ORDER

1.

2.

3.

Series	Shell size	Locking
PlugLock	19	TX

1. Series

PlugLock	Locking ring for 38999 Series III Plugs
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3. Locking

WR	Cable seal, metal wire to cut to unlock
TX	Torx Safety screw

2. Shell size

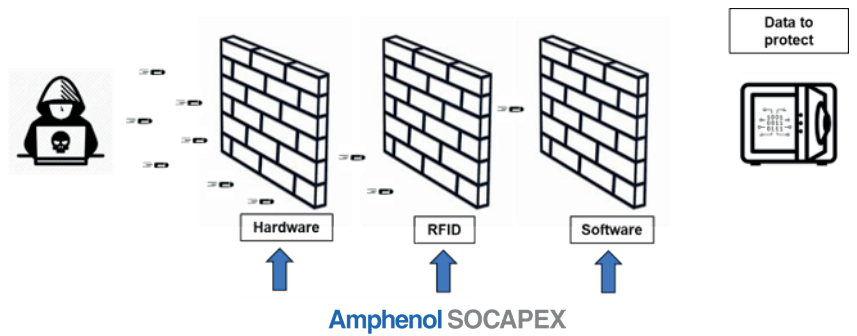
9	For MIL DTL 38999 Series III size 9 shells
11	For MIL DTL 38999 Series III size 11 and TV µCom shells
13	For MIL DTL 38999 Series III size 13 and MPOF TV and MDPF TV shells
15	For MIL DTL 38999 Series III size 15 and USB Field TV shells
17	For MIL DTL 38999 Series III size 17 shells
19	For MIL DTL 38999 Series III size 19 and RJF TV and LCF TV shells
21	For MIL DTL 38999 Series III size 21 shells
23	For MIL DTL 38999 Series III size 23 shells
25	For MIL DTL 38999 Series III size 25 shells

Examples :

Part number	Description
PlugLock9TX	Locking ring for caps of 38999 Series III Receptacles size 9 with torx locking system

Amphenol SOCAPEX Other Solutions for Cybersecurity

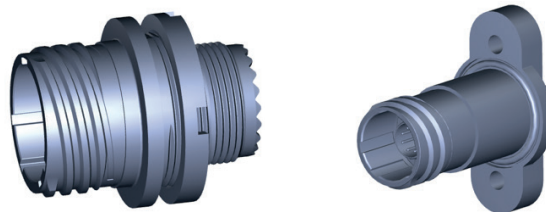
Cybersecurity is achieved through a combination of precautions, not just one such as a password. Connectors can contribute



► Hardware : Go through Fiber Optics via our Media Converters



► Hardware : Use our receptacles which cannot be dismantled from outside the box



► Hardware : Use our Adaptaters RJ45 & USB ↔ 38999 & 26482

RJ45 ↔ MIL-DTL-26482 Type



- RJ45 ↔ Standard 26482 12-10 pin layout adapter
- ABS 1547 for Avionics applications

RJF Receptacle ↔ Quadrax receptacle



- RJ45 ↔ 2 Quadrax contacts - Bulkhead
- Avionics applications

USB ↔ MIL-DTL-26482 Type



- USB ↔ Standard 26482 12-10 pin layout adapter
- ABS 1547 for Avionics applications

USB FTV ↔ 38999 11-98 plug



- USB FTV ↔ Standard 38999 11-98 pin layout adapter
- C4ISR & Avionics applications

► RFID : Under investigation

