

# ECS Self-Locking TNC Connectors



Straight Option



90° Angle Option

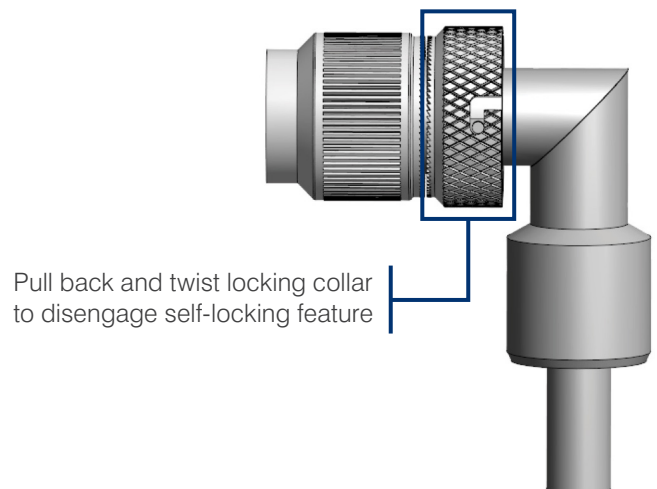
## OPTIMUM PERFORMANCE IN HIGH-VIBRATION ENVIRONMENTS

Carlisle Interconnect Technologies' (CarlisleIT) ECS Brand Self-Locking TNC Connectors eliminate the need for safety wire, preventing FOD (Foreign Object Debris) and reducing installation time.

Designed for military and commercial applications and available in a similar size as standard connectors, our Self-Locking TNC Connectors maintain complete functionality and quality connections within high-vibration environments.

FEATURES	BENEFITS
Self-Locking	<ul style="list-style-type: none"> <li>Ensures that the connector interface remains fully engaged throughout any vibration or shock an aircraft may experience</li> <li>Clear visible indication that locking mechanism is engaged</li> </ul>
Elimination of safety wire	<ul style="list-style-type: none"> <li>Time-savings during initial installation or replacement and eliminating potential FOD</li> </ul>
No special tooling required	<ul style="list-style-type: none"> <li>Routing and installation space requirement are similar to conventional connectors</li> </ul>
Hold-open mechanism	<ul style="list-style-type: none"> <li>Disengage the self-locking mechanism for easy removal without cutting off lock wires</li> </ul>

PARAMETER	SPECIFICATIONS
Impedance	50 $\Omega$
Frequency Range	0 - 11 GHz
VSWR	1.2:1 MAX DC - 2 GHz
Insertion Loss	.1 dB MAX DC - 2 GHz
Working Voltage	500 VRMS Max @ Sea Level
DWV (Dielectric Withstand Voltage)	1,500 M $\Omega$ (min)
Insulation Resistance	5,000 M $\Omega$ (min)



# ECS Self-Locking TNC Connectors

RF COAXIAL CABLE PART NUMBER	SELF-LOCKING TNC CONNECTOR OPTION	
	STRAIGHT	90°
532101	CLTS522	CLTR522
432101	CLTS522	CLTR522
352001	CLTS3522	CLTR3522
421601	CLTS922	CLTR922
311601	CLTS922	CLTR922
311501	CLTS922	CLTR922
421201	CLTS122	CLTR122
311201	CLTS122	CLTR122
310801	CLTS022	CLTR022
310701	CLTS002	CLTR002
361201	CLTS6222	CLTR6222
361601	CLTS6622	CLTR6622
311001	CLTS102	CLTR102

Contact us for additional product details, cable assembly design assistance, or compatibility with additional coaxial cables.



See our full line of TNC Connectors at:  
[CarlisleIT.com/prod-info/ecs-brand-tnc](http://CarlisleIT.com/prod-info/ecs-brand-tnc)

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