

# True Lock



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# True features

Less torque required to tighten to a full mechanical stop eases installation

Locking system prevents cable turn during installation

No tooling changes from existing Corning Cabelcon connectors

Activator system ensures correct tightening pressure and reduces risk of IMD

Multislot ferrule applies uniform grip on outer conductor and improves electrical performance

Multigrip seizing mechanism applies uniform grip on inner conductor and reduces risk of IMD

Comprehensive testing ensures longevity of installation

Utilizes Corning Cabelcon's unique Nitin-6™ plating to provide resistance to chemicals, oils, salt and pollutants

Provide Class A++ compliance when used with a Class A++ compliant cable

Stripping guides for inner and outer conductors simplify cable preparation

Return loss improved at better than 30 dB to 1 GHz for better network performance



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# True benefits

Corning Cabelcon's True Lock Connector combines the high performance and reliability of Corning Cabelcon's previous connector offerings with additional features that further improve performance and greatly simplify installation.

Designed with the installer in mind, the True Lock Connector features a reduced tightening torque when compared to similar products. This reduced tightening torque makes installation in difficult scenarios, including aerial applications, easier for the installer. Installation also becomes safer, with less force required to successfully install the product. A new locking system prevents cable turns during installation, again simplifying installation and ensuring a successful deployment.

The True Lock Connector also offers enhanced performance features, including a return loss of better than 30 dB to 1 GHz. The risk of IMD is reduced by an activator system that ensures correct tightening pressure as well as a multigrip seizing mechanism that applies a uniform grip on the inner conductor. On the outer conductor, a multislot ferrule applies a uniform grip to improve electrical performance.

No unique or additional tools are required for installation, and no additional training is required for installation personnel. As with all Corning products, the True Lock Connector has undergone extensive climactic chamber testing to provide for the longevity of installation.

## Nitin-6™ Plating

The True Lock Connector features Corning Cabelcon's own Nitin-6 plating, which is extremely resistant to chemicals, oils, salt and pollutants. The non-magnetic plating will not cause allergic reactions for people sensitive to nickel.

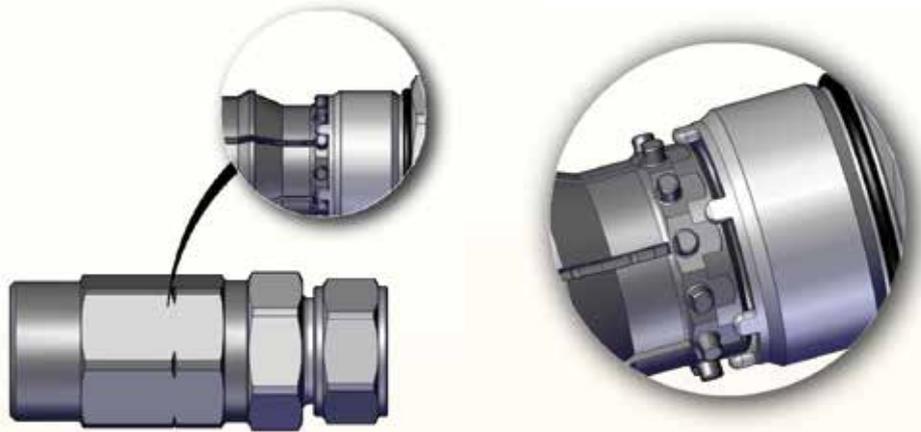
Nitin-6 plating offers excellent protection in all environments against corrosion. It has a stainless steel look, a low friction surface and will retain lubricant well.

Millions of Corning Cabelcon Connectors have been plated with the unique Nitin-6 alloy since 1989. In use all over the world and in many different environments, the plating has provided customers with the utmost satisfaction. The new True Lock Connector continues this commitment to quality plating.



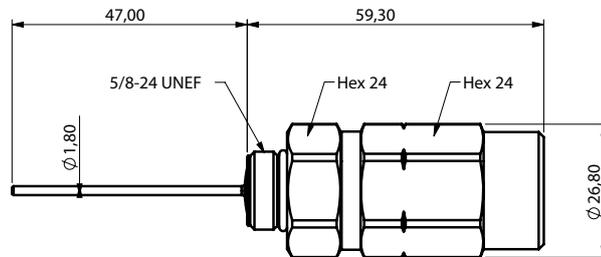
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# Locking system

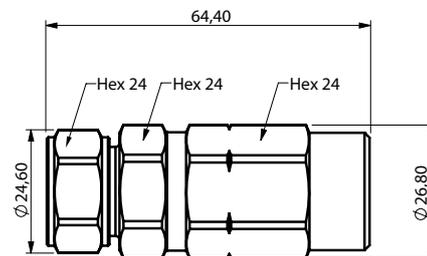


## Connector dimensions

Connector type  
5/8M-TL525



Connector type  
3.5/12M-TL525



For more information please scan this QR code or visit:  
<http://cablesystems.corning.com/truelock.html>

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Corning Cabelcon ApS · Industriparken 10 · DK-4760 Vordingborg, DENMARK  
+45 55 98 55 99 · FAX: +45 55 98 55 04 · [www.cabelcon.dk](http://www.cabelcon.dk)

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