

# True Lock Connector

A Corning Cabelcon  
Product

## features and benefits |

<b>Reduced tightening torque</b>	Eases installation, especially in tight or difficult installation sites
<b>Industry's first true locked connector</b>	Prevents cable from turning during installation
<b>Two-piece activator system</b>	Provides for correct pressure when tightening connector and reduces risk of IMD
<b>Multislot ferrule</b>	Provides uniform grip on outer conductor and improves electrical performance
<b>Multigrip seizing mechanism</b>	Applies uniform grip on inner conductor and reduces risk of IMD
<b>Backwards-compatible product</b>	No new installation tools or training required
<b>Utilizes Corning Cabelcon's unique Nitin-6 plating</b>	Extremely resistant to chemical, salt, oils and pollutants

Corning Cabelcon's True Lock Connectors are designed to match the most critical requirements of coax customers in the trunk and distribution segments of the network. Combining the innovative features of Corning Cabelcon's current connector product lines with enhanced functionality, the True Lock Connector offers increased ease of use, a reduced risk of intermodulation and the industry's first true locking mechanism that prevents the cable from turning when tightening the backnut.

The True Lock Connector also provides the installer with significantly reduced tightening torque. This eases installation, especially where installation is tight or otherwise difficult. There are no additional tools needed or training required from existing Corning Cabelcon Connectors, making installation simple for installers.

True Lock Connectors feature the same proven Nitin-6™ plating that customers have trusted since its introduction in 1989. Nitin-6 is extremely resistant to chemicals, salt, oils and pollutants. In addition, the non-magnetic plating will not cause allergic reactions to those sensitive to nickel. True Lock Connectors are thoroughly tested to provide the longevity of the installation.



True Lock Connectors, Types 2 and 5 | Photo CRR1141

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## specifications |

	3.5/12M-TL525	5/8M-TL525
<b>Transfer Impedance 5-30 MHz</b>	0,9 mOhm/m	0,9 mOhm/m
<b>Shielding Effectiveness 30-862 MHz</b>	> 135 dB	> 145 dB
<b>Return Loss at 860 MHz (better than)</b>	-44 dB	-46 dB
<b>Insertion Loss at 860 MHz</b>	-0,01 dB	-0,07 dB
<b>Intermodulation @ 2 x 5 W IM3</b>	-160 dBc	-160 dBc
<b>Sealing Test IP-code</b>	IP X8 30 m / 8 Hours	IP X8 30 m / 8 Hours
<b>Pull Strength</b>	> 1962 N	> 1962 N
<b>Torsional Strength</b>	> 8,0 Nm	> 8,0 Nm
<b>Amp. Rating</b>	13 amps	15,5 amps

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## True Lock Connector Interfaces

Same industry-standard interfaces will be available on the True Lock range as in previous Corning Cabelcon connector offerings

3,5/12M

3,5/12F

5/8M

5/8MU

FM

FF

IEC14M

IEC14F

PG11M

PG11MU

Splice

Splice reducer



**Rounded Tabs in the Locking System Design Provide Proper Seating** | Photo ZA-3954



**True Lock Locking System** | Photo ZA-3955

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notes |

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