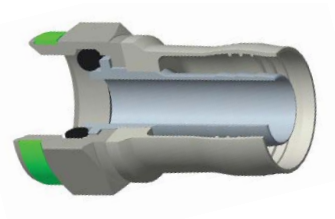


RG59 Universal & RG6 Universal Connectors



Features

- Terminate 75Ω Series 59, 59Q, 6, or 6Q coax
- One-step compression process
- Defeats ingress/egress at the connector
- No soldering required
- Meets SCTE-IPC and Bellcore requirements
- Overcomes forward reflection
- Reduces impedance problem with radial design
- Unique TWiN Lock™ connection and internal O-ring provides superior protection against moisture
- Creates two full 360° compression connections (one interior and one exterior)

Product Description

Our TWiN Lock™ compression connectors available in F, RCA, and BNC work as a complete system to provide a secure, reliable solution for your install. They provide two unique 360° connections on the cable resulting in superior protection against moisture and poor signal quality.

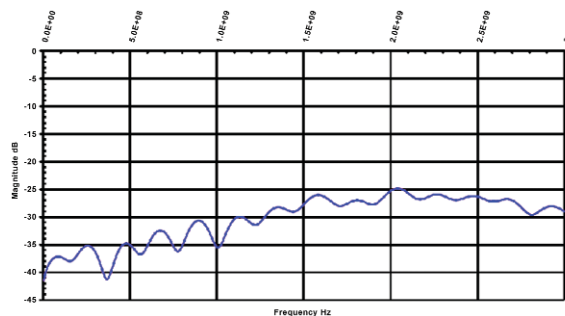
Specifications

Cable Types ----- Terminate 75Ω Series 59, 59Q, 6, or 6Q coax
 Braid Coverage Range ----- 60% tri through quad shield
 Jacket Types ----- PVC, PE and Plenum

Electrical Requirements

Insulation Resistance ----- >5000 MΩ @ 100 Vdc
 Dielectric Strength ----- <1 KVac for 1 minute
 Shielding Effectiveness ----- >95 dB to 300 MHz
 >70 dB to 1 GHz
 Insertion Loss ----- <0.1 dB to 350 MHz
 <0.2 dB to 700 MHz
 <0.3 dB to 1 GHz

Return Loss:



Lower return loss (dB) equates to less reflection through the connector while maintaining signal strength

Mechanical Requirements

Body Material ----- Brass with Nickel plating
 Corrosion Resistant ----- BLCR GR-1503 Conforming materials
 Cable Application ----- <20 lbs max insertion
 Cable Interface ----- >60 lbs pull force
 Equipment Interface ----- >10 matings without damage
 >60 in-lbs without damage
 Temperature Cycling with Humidity --- +70° F to +140° F to -40° F
 Loosening Torque ----- >30 in-lbs after 3 days
 Environmental Contaminants ----- Exceeds BLCR GR-1503 4.5-4.10 Standards
 Exceeds SCTE IPS-TP-013Standards

Ordering Information



TWiN Lock™ F-connectors

Part #	Description
TL6U	TWiN Lock™ compression F-connector, RG6 Universal
TL59U	TWiN Lock™ compression F-connector, RG59 Universal



TWiN Lock™ BNC Connectors

Part #	Description
TL6BNCU	TWiN Lock™ compression BNC connector, RG6 Universal
TL59BNCU	TWiN Lock™ compression BNC connector, RG59 Universal



TWiN Lock™ RCA Connectors

Part #	Description
TL6RCAU	TWiN Lock™ compression RCA connector, RG6 Universal
TL59RCAU	TWiN Lock™ compression RCA connector, RG59 Universal



TWiN Lock™ Tools

Part #	Description
TL-TOOL	TWiN Lock™ Compression Tool, includes removable tip for different connector types
SPSA	Coax Cable Stripper, adjustable RG59/RG6 quad shield stripper with RG6 flaring tool



Specifications subject to change without notice. Copyright 2010. Revision: 01/10