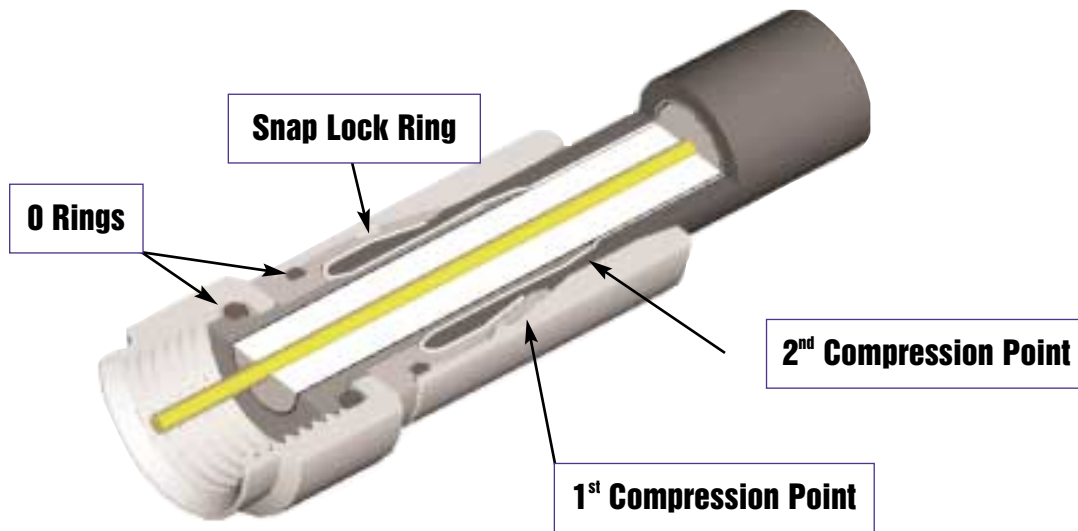


## SuperLok™ Compression Connector Patent # 6,217,383



The New **SuperLok™** series compression connector utilizes 2 independent compression points to seal and hold the coaxial cable to the connector. Other compression type connectors employ only one point for both which requires extensive compression of the cable jacket to achieve the same goal. The **SuperLok's** patented first stage compression/locking method, in use for over 8 years, insures the highest holding force by using inward facing teeth which lock into the cable jacket.

### Four SuperLok™ Advantages:

#### 1. Improved Long-Term Sealing:

Compression connectors require the PVC cable jackets to act as a spring in maintaining the required pressure to keep out moisture. As with any spring, if over compressed, it will lose its elasticity and migrate away from the point of excessive pressure, leaving that point thinner. Thus, moisture ingress resistance is reduced. This situation can worsen over time if that same compression point is over stressed by cable movement and pulling. The **SuperLok** does not require the rear sealing point to be responsible for the complete cable holding force and therefore can compress the PVC significantly less. This will result in the highest level of moisture resistance over time. Two O-ring seals are included to resist moisture ingress from the F threads and outer shell/body interface.

#### 2. Lower Insertion Force:

By having 2 points of compression, the **Superlok's** mandrel barb is no longer responsible for the entire holding force and can be designed with a lower profile, thus reducing the cable push-on force.

#### 3. Less Craft Sensitivity:

Most connectors rely on the final few millimeters of compression for the majority of their holding force. Therefore, the first 3/4 of the compression tool closure does not enable much of the sealing or holding function. If the installer does not complete the tool closure, the connector will not perform to its potential. The **SuperLok** connector begins its holding capability within the first 50% of tool closure ensuring a less craft sensitive installation. A positive (patented) Locking Ring insures a full, secure completion.

#### 4. All Metal Construction:

No plastic parts to degrade with sun or acidic vapors.