

The Myth Compression Connectors and Tools Save Time and Money.

The Reality

Compression tools are proven to be time-consuming and problematic in the field, costing general contractors—and ultimately carriers—money.

- Ten cable preparation steps are required before the final compression step.
- Battery-operated compression tools do not provide adequate compression force below 33°F or when the battery is on low charge.
- Missed debris in cable preparation is sealed into one-time use compression connectors. If sweeps reveal an issue, the connector must be discarded, costing time in re-prep and connectorization.

The Andrew Solution

Look for solutions using manual tools which can be used in all weather conditions and do not rely on batteries.

- Andrew's preparation tools feature T-handles for manual use or can be drill-mounted for faster preparation.
- Cable end prep occurs in one step.
- Common wrenches are used to secure the connectors onto the cable in less than one rotation.
- The entire process from cable prep to connectorization takes less than 60 seconds.
- Andrew two-piece connectors are re-usable.

Save Time and Money

Andrew tools and connectors are re-usable, prep in a single step, and take less than 60 seconds to install.



The Myth Compression Connectors Reduce Passive Inter-modulation (PIM).

The Reality

During compression, multiple components within the connector are forced into contact with the conductors.

- The more moving parts, the greater the chance of PIM generation.
- By design necessity, the compression area is behind where a traditional connector flares, forcing the RF flow to exit the cable prematurely—increasing the chances of PIM.
- Unlike standard connectors in the field, cable must be cut in valley or installers risk poor PIM and RL.
- PIM issues detected in compression connectors cannot be addressed, so connectors must be replaced.

The Andrew Solution

Two-piece connectors with field proven flaring offer a more consistent RF flow path and are verifiable.

- Two-piece connectors can be taken apart for PIM analysis and then re-assembled.
- Field proven .

Consistent and Field Proven

The superior two-piece design of Andrew connectors offers consistent RF flow and has been used by major operators worldwide for close to a decade.



The Myth Compression Connectors Need No Secondary Weatherproofing.

The Reality

Center contacts in compression connectors must accommodate movement through the insulator during compression. O-rings, generally accepted as a superior weatherproofing method, cannot be used.

- This leaves the interface between cable and connector vulnerable to water ingress.
- Connections can degrade and loosen over time due to vibration and temperature cycling.

The Andrew Solution

Use non-compression connectors with o-ring protection, such as Andrew's Positive Stop connectors.

- Field-tested to the toughest IEC standards with or without secondary weatherproofing, mated or un-mated.
- Fixed center contacts are 100% weatherproof in the mated or unmated state. Tested to the toughest IEC standards and field proven.
- Secondary weatherproofing is optional.

Excellent Weather Resistance

Andrew connectors are field-tested to the toughest IEC standards with or without secondary weatherproofing, mated or un-mated.



The Myth A Company Focused Solely on Connectors has the Most Expertise in the Subject.

The Reality

RF cable connectors are only one part of a much larger and highly integrated transmission line system.

The Andrew Solution

Opt for a company that has extensive experience working with all facets of transmission line systems, resulting in a connector that is perfectly matched to the needs and properties of each specific system.

Complete RF Path Solutions

Andrew provides a one-stop source and extensive expertise for managing the entire lifecycle of a wireless network.



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