

ITC Mini-Coax Connector

The ITC mini coax connector exists for the purpose of terminating mini-sized coaxial cables faster, without tools, and with better results.

The best description is in the instruction!

1. Strip the cable as you normally would, exposing the center conductor and the braided, foil-wrapped dielectric.
2. Slide the tapered piece onto the cable and fold back the braid to evenly cover the conical center piece.
3. Make sure the center conductor is straight then slide the final piece over and just twist until tight.

Finished!

ITC Mini Coax Series

- Connector Types Available: RCA, BNC
- Finishes Available: Nickel, Gold/Nickel
- Cable OD Compatibility Range: 2.6mm to 2.9mm
- Pull Strength: 39.2 lbs / 17.8 Kg (Standard: 26.4 lbs)
- Insertion Loss: BNC at 1GHz -0.152 dB
- Insertion Loss: BNC at 3GHz -0.548 dB
- Return Loss, BNC at 3GHz: -12.93 dB (Standard: -10 dB)
- Fits 26 AWG and most 25 AWG mini-coax cables (depending on individual manufacturer's specifications)



The ITC Mini-Coax was designed to address the challenges surrounding the termination of mini coaxial cable. While easy to pull, mini coax is more challenging to terminate than standard RG6 or RG59 as it has less rigidity in its center conductor and a very thin jacket. The center pin can easily get smashed inside most connectors upon entry, resulting in intermittent or failed connection. There have been several solutions to this problem, from utilizing a window for center pin entry before compression to physically putting the center pin pieces directly onto the center conductor. Though effective, these methods are very time-consuming, may require keeping track of several small pieces, and always consist of an extremely small hole for entry.

ITC's mini coax connectors offer installers a timesaving alternative. They provide an easy, minimum resistance, wide center-pin entry for solid or stranded conductors, as well as simple twist termination. This results in higher reliability reducing return trips to fix failed connections, while increasing overall customer satisfaction. To ensure long-term, reliable connections, the connectors feature a captive center pin that securely grips onto the center conductor using ITC's patent-pending Lotus-Grip system for maximum contact and conductivity. Additionally, ITC mini coax connectors twist together perfectly every time, which eliminates the loss of time and money when you have to throw away or re-terminate a misaligned compression connector. ITC minis feature the key advantages found in our original connector—they do not require a compression tool and are uniquely reusable.