

MCX MINI CABLE COMPRESSION CONNECTOR (MPMCX-C / MPMCX-CQ)

Step 1:

Set the MP-NBCT compression tool.



Step 2:

Strip cable to standard 1/4" - 1/4".

Fold all braid and outer foil back.

Optional: outermost foil layer may be removed if it eases installation. Avoid removing any braid.



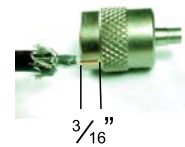
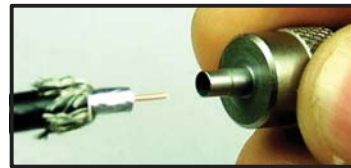
IMPORTANT:

Ensure center conductor length is between 3/16" and 1/4". Over extending center pin length **WILL DAMAGE CONNECTORS**. Under extending will make intermittent electrical contact.

Step 3:

For an easier fit, slide the MPCPT cable prep tool over the dielectric and twist.

Prepping cable with MPCPT is **strongly** recommended when using tri and quad shield cable. The MPCPT should fully bottom-out between inner foil and braid layers to ensure connector will go on with minimal effort.



Use MPCPT to check center conductor length.

Step 4:

Insert center conductor into connector receptacle and apply pressure with a twisting motion until cable is fully inserted, and center pin of connector is fully extended. Do not apply excessive force, as this will damage the connector and over extend the pin.

Inspection before compressing:

- no braid should appear outside of connector body (likely indicates connector not inserted fully)
- center pin of connector should:
 - MCX or BNC: stop approx. 1/8" before face of connector, so that it is **NOT** visible when looking from the side.
 - F: stop approx. 1/8" past face of connector so that it **IS** visible when looking from the side.



Step 5:

Carefully insert MCX fingers into the compression tool plunger hole and pull cable down into cable jaws.



Step 6:

Fully compress tool until it releases and gently remove connector so as not to damage the fragile grounding teeth of the connector.



Step 7:

Finished terminated cable.

Inspection:

- Compression collar should **NOT** rotate to ensure mechanical strength of connection.

