

## Wing Ding® Torque Wrenches from Cable Prep®

Cable Prep® Wing Ding® Torque Wrenches serve two purposes:

- ❑ Color coding and matching of F-connector ports to the appropriate cables
- ❑ Ensuring that connectors are tightened with the correct torque

Color-coded ports assist end customers in reconnecting cables correctly, eliminating concern that a cable will be connected to the wrong port.

Properly tightened connectors prevent over-tightening, which can result in snapping a port off its chassis and damaging premises equipment, or under-tightening, which can result in loose connections and signal loss.

Each Wing Ding set comprises two parts: the color-coded ring that is placed on the port, and the finger wrench of the same color that is placed on the corresponding F-connector. The port ring looks like an O-ring, and its F-connector counterpart has two "wings" on its outside. From one direction, the inside of the F-connector part appears hex-shaped; from the opposite direction, the inside appears round. This distinction is important for proper orientation when the Wing Ding is installed on the connector.



### To install Wing Ding Torque Wrenches:

1. Slide the port ring over the threads of the port on the box chassis all the way to the base of the port.
2. Install the F-connector part over the hex nut on the connector.
  - If the cable has not yet been attached to the connector, the Wing Ding wrench can be installed from the cable end of the connector. This is the preferable installation as it prevents the Wing Ding from being removed from the connector after the cable is attached.
  - Orient the Wing Ding wrench such that the hex side slides over the connector first, with the round side of the ring towards the end of the connector. Slide the Wing Ding onto the connector from the cable end until it covers the connector's hex nut and cannot be pushed any further.
  - If the connector has already been installed on the cable, slide the Wing Ding wrench over the front end of the connector, hex side first. Be sure to apply sufficient force to tightly seat the Wing Ding on the nut of the connector.
3. The appropriate Cable Prep tool can now be used to attach either a crimp connector or a compression connector, even with the Wing Ding parts already installed.
4. Once the Wing Ding wrench has been installed, screw the F-connector onto the port, and finger-tighten the wrench. This will ensure the correct tightness for the connector. *Do not use a handled wrench to tighten further, as this may cause over-tightening and a damaged port.*
5. Repeat the above steps for each port, using differently colored Wing Ding wrenches. This will ensure that disconnected cables are reconnected to the correct ports.