

Application Note

Using a Torque Wrench with Carrier-band F-connectors

The optimum torque for mating F-connectors for the Carrier-band network is 30 inch-pounds (3.4 Newton-meters). Below this value, F-connectors can vibrate loose. Above this value, connectors can be damaged. This wrench is designed to provide an easy way to achieve the optimum torque.

The Torque wrench handle should only be held at the very end, as shown with the arrows in the diagram below, with the thumb and forefinger. Push the torque wrench until a "click" is heard or felt. This will give the optimum value for the connectors. If the wrench is held differently (e.g. with the whole hand), and the wrist is used to help gain leverage, then only about 15 inch-pounds of torque will actually be applied to the connector when the "click" is encountered.

