



Drop Connectors

UltraRange® 6 Plenum Installation Guide

Applicable Part Numbers
GF-UR-6-PL

Cable Trim Tools
G-CPT-6590-PL, G-SDT-596-250-PL or equivalent

Connector Compression Tools
G-CAT-UNIVERSAL-FX, G-CAT-AS, G-8800-US, G-9000-US or equivalent

Cable Preparation

1. Prepare cable with an appropriate trim tool to dimensions shown. Fold exposed braid back over jacket. Leave foil attached to dielectric. **Do not score center conductor.** See Figure A.

Quad Shield Cables: Fold outer braid back over jacket, remove outer foil, fold inner braid back over jacket.

2. Screw the connector onto cable until the cable dielectric is flush with the connector post face, as shown. See Figure B.

While pushing the connector onto the cable, rotate the connector in a clockwise direction. Installation aids such as the GF-TOOL-1/4-H can be used with a cordless screwdriver to speed installation. The cable center conductor can be seen through the tool window when completed. Approximately 1/8 inch [3.1mm] of center conductor will protrude beyond the end of the connector nut, as shown. See Figure C.

3. Slightly angle the connector/cable and insert into the compression tool area between the plunger tip and the cable gate allowing the center conductor to enter the center conductor guide. See Figure D. Push the cable into the cable gate. Compress the connector by squeezing the tool handles together until a positive stop is reached. See Figure E. At this point the compression sleeve should be compressed against the shoulder of the connector body. Remove the cable/connector from tool by opening the cable gate while removing the installed connector/cable at a slight angle.
4. Install connector finger tight then use a wrench to tighten to system specifications. Loose connections degrade signal quality.

Figure A

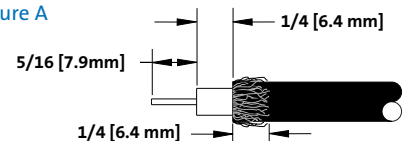


Figure B

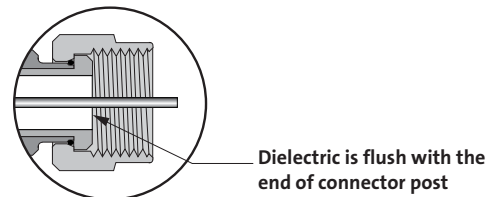


Figure C

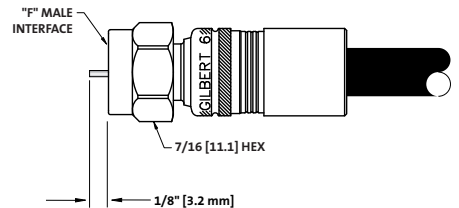


Figure D



Figure E



G-GRIP



GF-TOOL-MH



GF-TOOL-1/4-H

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