

**ASSEMBLY INSTRUCTIONS & ROUTING**  
**SHEET**  
**COAXIAL CABLE LMR 240**  
**EZ-240-SM-X & TC-240-SM-SS-X**

**Tool Requirements**

**CCT-02**

**CST-240**

**CTL .255 Hex Crimper**



**Heat Gun**

**Soldering Iron**

**Vice**

**Alcohol**

**Brush**



### **TC-240-SM-SS-X Assembly Process**

1. Cut coaxial cable to the required length using a CCT-02 cutting tool.
2. Slide weather seal tubing and crimp ferrule over assembly end.



3. Trim cable end using a CST-240 stripping tool.



4. Solder contact to center conductor using SN60 solder. Be sure to use minimal heat to minimize melting of the foam dielectric. Clean any excess flux using alcohol.



5. Flare the braid. Insert cable assembly into connector until dielectric is seated and center contact is inserted fully into connector.



6. Slide ferrule forward and crimp as close as possible to connector body using a .255" Hex crimper.



7. Heat shrink adhesive tubing over rear of connector body, into grooves on body and down onto cable jacket using a hot air gun.



#### **EZ-240-SM-X Assembly Process**

8. Slide weather seal tubing and crimp ferrule over assembly end.



9. Trim cable end using a CST-240 prep tool. Be careful to avoid nicking the braid.



10. Flare the braid. Insert cable into connector body until dielectric is seated and center conductor is inserted fully into connector contact pin.



**11.** Slide ferrule over braid and crimp as close to connector body as possible using a Hex .255” hand crimper.



**12.** Heat shrink adhesive tubing over rear of connector body, into grooves on body and down onto cable jacket using a hot air gun.



### **Completed Assemblies**

**TC-240-SM-SS-X**



**EZ-240-SM-X**

