

21-33878-2

Contact, Pin, Concentric Twinax Shielded  
FTV, Crimp  
Installation Instructions

**NOTE:** 21-33878-2 is designed for use in Type FTV, Integral EMI, Filter Connector, arrangement 25-7. For 21-33878-2, the outer pin contact with insulator installed is provided as part of the encapsulated connector assembly.

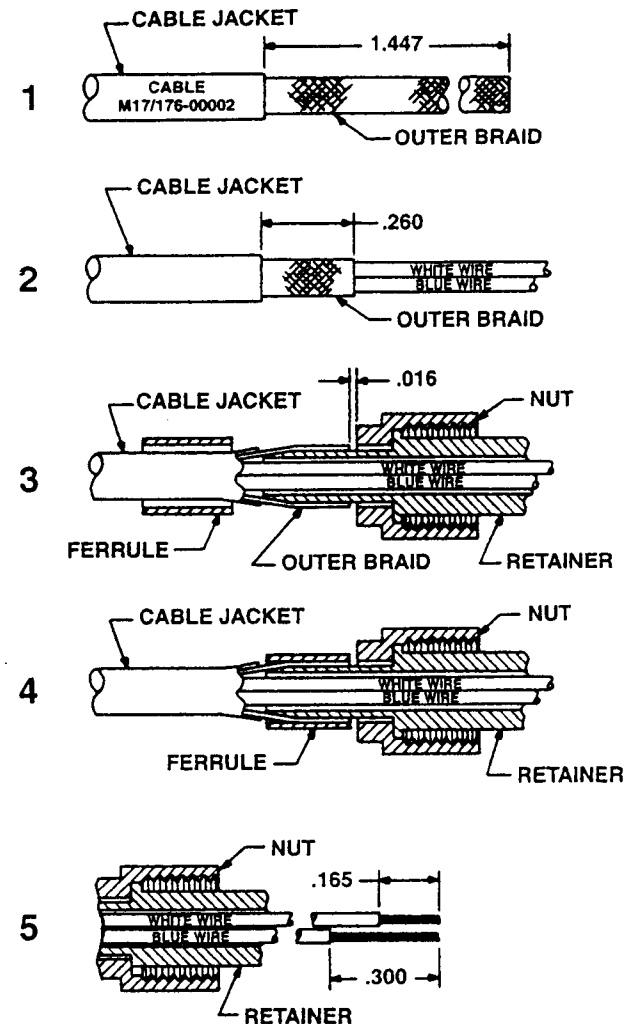
1. Strip cable jacket per figure 1.
2. Trim outer braid per figure 2.  
(Cut off fillers as close to outer braid as possible).
3. Slide ferrule over cable jacket. Position nut on retainer. Expand outer braid, then slide retainer under outer braid. Leave approximately .016 gap between edge of outer braid and nut.
4. Slide ferrule over outer braid and crimp outer braid between ferrule and retainer with tool M22520/5-01 and die set M22520/5-05B. Make certain nut turns freely after crimping.
5. Strip white and blue conductors per figure 5.
6. Assemble back spacer over blue & white wire and butt against retainer. Bend white wire away from blue wire. Then assemble back insulator over blue wire and butt firmly against spacer. Align slot with white wire.
7. Fit inner pin contact over blue wire conductor (see fig. 7) and crimp with M22520/2-01 tool and M22520/2-37 positioner. Use tool selector setting number five (5).
8. Assemble inner front insulator over center pin contact being careful to align slot with white wire as insulator is slid back until it butts firmly.
9. Slide intermediate contact over inner front insulator being sure all strands of the white conductor enter small hole in the intermediate contact large end. Slot in intermediate contact should be 180 degrees opposite white wire.
10. Crimp intermediate contact wire well using tool M22520/5-01 and die set M22520/5-200 (Die set has a blade for location of slot and a double indent portion to crimp wire side).
11. Slide contact assembly inside outer pin contact with insulator installed (Part of encapsulated connector assembly), until the nut's internal threads engage with the outer pin contact's external threads. Tighten nut until it seats firmly using wrench 11-8676-2. (Do not allow cable to turn when tightening nut).

**Amphenol Aerospace**

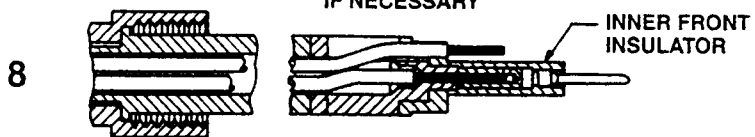
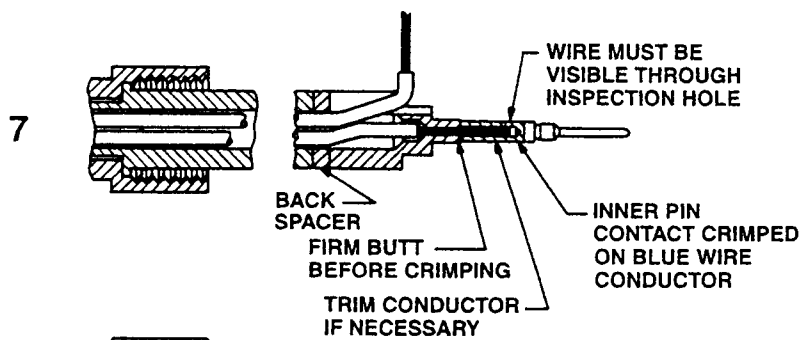
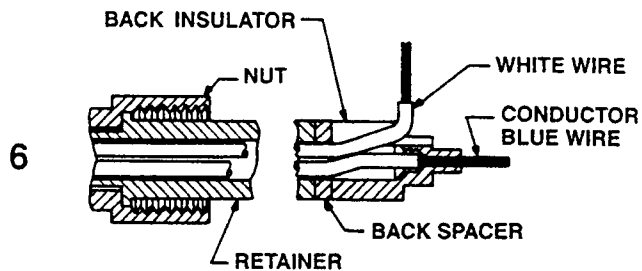
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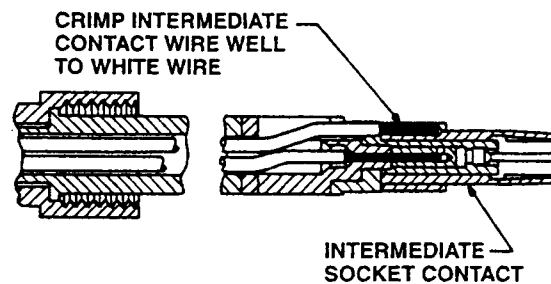
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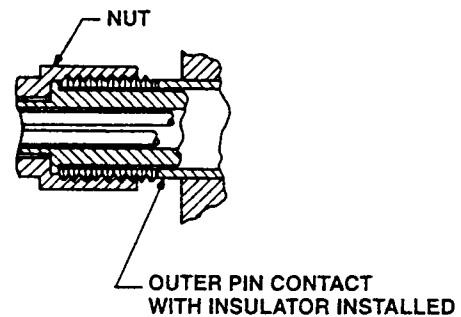
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