FITTING INSTRUCTIONS

716DINRAM1250

7/16" DIN male right-angle connector for 1/2" corrugated shielded, foam dielectric, coaxial cable

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Structure of Connector: (Fig. 1)

1. Main Shell Body
2. Cable Clip (internal)
3. Back DOS Shell
4. Assistant Shell Body
5. O-loop 11mm x 2.5

Tools Required

- Sharp Knife
- Hacksaw
- Small file
- Silicone O-ring grease
- Small brush or can of compressed air
- Small Pointy nose pliers
- Small flat head screwdriver

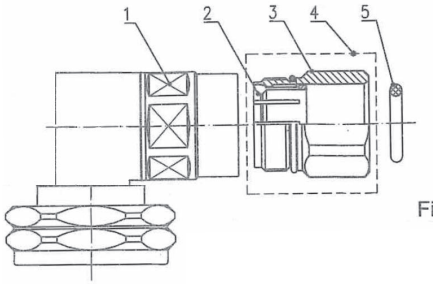

Fig1

1. After straightening 500mm of end of the cable, remove the outer jacket to length of 23.5mm. ***See fig 2.***

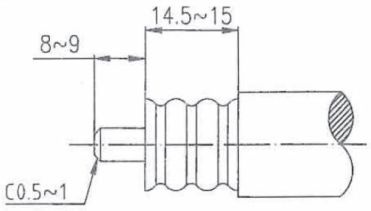

Fig2

2. Using a sharp knife, remove outer conductor, dielectric to a total of 20mm of outer conductor is left exposed. ***See fig. 2***

3. Using your small flat file, slightly chamfer the end of the inner conductor (approx 45 degree) all around edge. ***See fig. 2***

4. Use your small brush or can of compressed air to ensure no debris is on the foam dielectric face on any conductor surfaces.

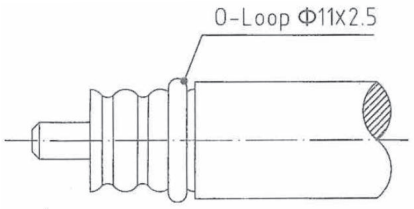

Fig3

5. Apply a small amount of silicone O-ring grease onto the rear nut inner O-ring and position the O-ring on the rear trough of the cable ***See fig. 3***

6. Click the rear nut (Back DOS Shell No.3) onto your prepared coaxial cable end and click the internal clip into the first trough of your cable. ***See fig 4***

7. Apply silicone O-ring grease to the outer rear nut (Back DOS shell) O-ring in preparation for Main shell body connection

8. Some slight flaring of the outer conductor may be required for correct fitment of the main body. Use your small screw driver to gently flare the outer conductor to contact all clip fingers. ***See fig. 4***

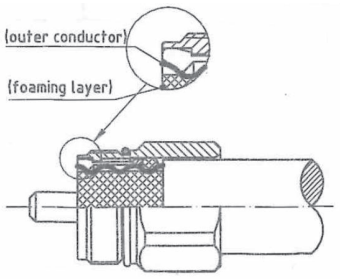

Fig4

9. Use your small brush or can of compressed air to ensure no debris is on the foam dielectric face on any conductor surfaces.

10. Slide the main body of the connector onto your cable ensuring your connector body is straight. Once the main body has contacted the outer conductor/foam dielectric and will not push on any further, hold the main body fixed and using your spanners/adjustable spanners tighten the rear nut up to the main body until tight. ***Recommeneded torque setting is 18-22Nm, Proof torque is 25Nm***

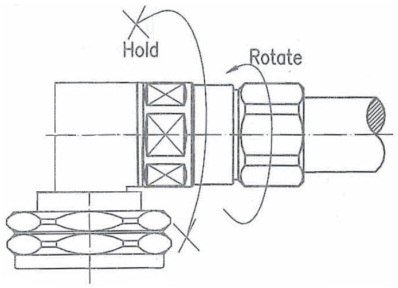

Fig5

11. Ensure the connector does not rotate or come away from the connector, if movement occurs, disassemble connector using reverse process above and inspect dimensions and cable condition.

12. Waterproofing of a base layer of self-amalgamating butyl rubber tape and a top layer of uPVC tape should be applied on all joining locations and down onto your coaxial cable. Waterproofing should be applied once installed.

PO Box 7, Lindenow, Victoria, Australia, 3865
P: +61 3 5157 1203
E: sales@zcg.com.au

Specifications are subject to change without prior notice