



716DINF1250

7/16" DIN female connector to
suit 1/2" foam dielectric coaxial
cable - ZCG1250

FITTING INSTRUCTIONS

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TOOLS REQUIRED FOR FITMENT

- Hacksaw
- Flat file
- Wire brush
- Cable cutters
- Knife
- 30cm Ruler or tape measure
- Small flat screwdriver
- Small brush and/or vacuum
- 2 x 21mm spanners/adjustable spanners
- O-ring silicone grease
- 50-100mm UV stabilised heatshrink - if available)
- Self amalgamating butyl rubber tape
- uPVC electric tape

ASSEMBLY/FITMENT INSTRUCTIONS

1. Cut the end of your 1/2" flexible corrugated shielded, foam PE dielectric cable flush with the end (not at an angle). Remove any loose debris
2. Using your knife, remove the black outer jacket to 33mm from end of cut cable.
3. Apply a small amount of silicone grease to the larger O-ring (inside rear clamping nut) and roll onto closet trough to uncut outer jacket.
4. Push the rear clamping nut onto the cable so the face of the clamping nut is approx 12mm from the cut end of cable (ensure clamping teeth within a trough. If further than 12mm its ok, do not have set at <12mm).
5. Using your knife, remove the copper corrugation at the middle of a peak to expose 12mm of foam dielectric. **DO NOT SCORE AND/OR REMOVE FOAM DIELECTRIC.**
6. Using your knife score and remove 8mm of dielectric from the cut end of cable. **DO NOT SCORE CENTRE CONDUCTOR.**
7. Using your brush and/or vacuum remove any loose copper particles from on centre conductor and foam PE dielectric. Loose particles may cause arcing/damage to your connector/cable.
8. Using your small flat screwdriver, gently flare our the corrugated shielding against the clamping nut teeth whilst holding the securing nut (to ensure nut doesnt move). Remove any copper particles if present.
9. Using your flat file, gently chamfer the exposed end of centre conductor to improve fitment into main connector body. Remove copper debris from exposed foam/flared shielding if present using brush/ and/or vacuum.
10. Push the main connector body onto your prepared cable ensuring to hold in-line with cable (angled insertion may bend centre conductor requiring re-preparation of cable.)
11. Once pushed onto cable the thread of the rear clamping nut should be aligned for fitment into main connector body.
12. Holding the clamping nut secure, gently screw the main connector body into/onto the rear coupling nut. **ENSURE REAR NUT DOES NOT MIGRATE.**
13. Tighten your connector main body onto the rear clamping nut to 15-20Nm. Check to ensure your connector does not rotate on the coaxial cable. If connectors rotates, remove connector body and re-check dimensions.
14. Check connector/cable performance using an appropriate cable load on your fitted connector and other end of cable attached to a network analyser/ sitemaster/test equipment.
15. Prior to hoisting/running up to antenna/system apply 1 layer of self-amalgamation butyl rubber and a top layer of uPVC tape over coaxial cable to clamping nut and continue up over clamping nut to connector body approx 10mm. **You will need to apply full-waterproofing layers once connected to your 7/16" DIN male antenna/system termination.**
16. Once connected to your 7/16" DIN male termination of your antenna/power divider/system apply at minimum 1 layer of self-amagating butyl rubber or vulcanised rubber tape over the entire 7/16" DIN connections extending down onto coaxial cable/s by 50mm past rear of connectors.
17. Apply a top layer of uPVC tape on-top of self-amagating butyl rubber or vulcanised rubber tape extending past ends of base tape. Ensure tension applied to uPVC tape to ensure adequate adhesion.

CONNECTOR FITMENT IS COMPLETE