



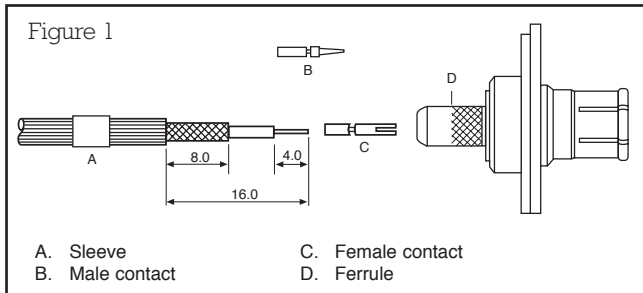
Instruction Leaflet

Sealed Co-axial Connectors

RS stock nos. 110-905, 110-911, 110-927 & 110-933

Assembly instructions

Chassis socket, Cable plug and In-line cable socket

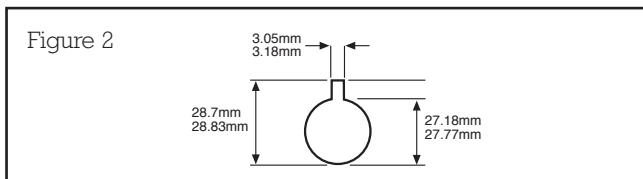


1. Prepare cable as shown in figure 1.
2. With the aid of tool (figure 5) remove insert retaining ring 6 (figure 3) and withdraw insert from the outer shell. If a different connection configuration is required simply replace or exchange inserts to suit individual requirements.
3. Undo the cable retaining nut 1 remove cable grip and sealing gland for cable connectors.
4. Feed cable retaining nut, cable grip, sealing gland and connector outer shell over prepared cable and terminate appropriate coax cable to corresponding connector in the following manner.
5. Place sleeve over cable.
6. Press sub-assembly into body, ensuring that ferrule is inserted between dielectric and braid.
7. Slide sleeve along cable, until it butts against ferrule shoulder, then crimp using **RS** stock no. 456-431 (50Ω) or **RS** stock no. 456-447 (75Ω) whichever appropriate.
8. Pull the cable back gently until insert is in the connector housing.

Note: The insert has a flat on the mounting flange which aligns with a corresponding flat inside the outer shell. Fit retaining ring 6 over the insert and with the aid of the tool, lock the retaining ring by turning tool in a clockwise direction to torque limits of 0.40Nm min, 2.82Nm max. (see note 3).

9. Push sealing gland, and cable grip into the connection shell and tighten the cable retaining nut to limits of 1.70Nm min, 4.00Nm max. (see note 3).
10. To assemble chassis socket follow steps 1, 2, 5, 6, 7, 8, 9 and 10.

Chassis plug



1. Cut hole in panel as shown or punch hole in panel using circular hole cutter **RS** stock no. 543-715.

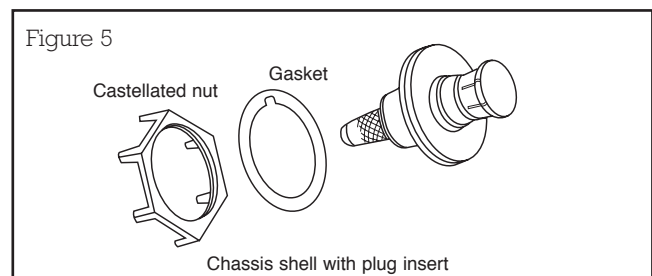
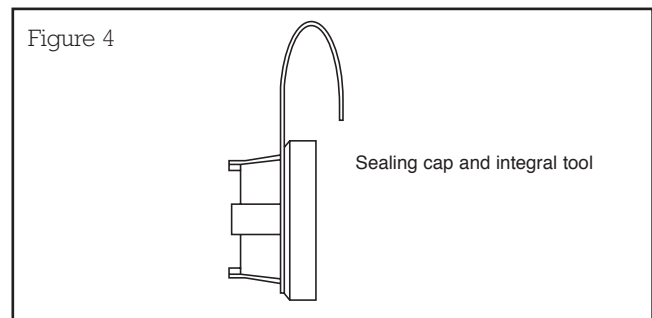
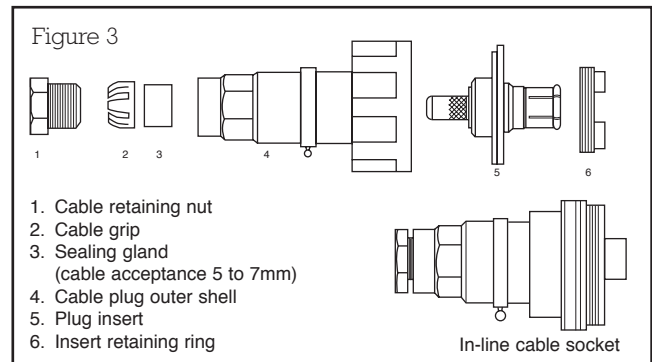
2. Undo the castellated nut and offer the chassis plug with gasket on front of panel.
3. With the aid of fixing tool **RS** stock no. 336-804 secure connector to the panel using the larger size castellated end face to a torque limit of 1.70Nm min to 4.00Nm max. (see note 3).

Note 1: To convert chassis plug to chassis socket simply remove the plug insert and replace it with a socket insert of the cable socket, in other words simply interchange the inserts of the above mentioned piece parts to achieve a different inlet-outlet configuration.

Note 2: Cable sockets mate with chassis plugs and in-line cable plugs of the same characteristic impedances.

Note 3: Minimum torque required to meet IP66. Do not exceed maximum torque.

Cable socket



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