

TV/FM Co-Axial Socket Outlets



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Please leave this leaflet with the end user for future reference

42202PL Ed.4

A. RECOMMENDED BOXES

Suitable for mounting in Flush or Surface boxes with a minimum depth of 25mm

B. GENERAL

1. When tightening the screening braid clamps ensure that the cable is firmly gripped and that the inner insulation is not squashed flat beyond a slight oval shape.
2. **Non-isolated Outlets** are intended direct connection to the Aerial downlead.
3. **Isolated Outlets** provide safety isolation to 2kV between the Aerial lead and coaxial socket. They are not suitable for use in systems where DC signals are passed through the socket (e.g. where masthead/ headend equipment is controlled by receiver/ decoder equipment).
4. **Diplexer Outlets** separate the TV and FM band signals from systems where both signals are combined on a single aerial downlead.

C. SAFETY INSTRUCTIONS

1. This product must be installed by a competent person in accordance with the current editions of the IEE Wiring Regulations (BS7671) and Buildings Regulations. If in any doubt, consult a qualified electrician.
2. These products should not be installed into the same enclosure containing mains exceeding 50V.

Metal Frontplate Products

Where it is necessary to conform with IEE wiring Regulations (BS 7671), metal frontplate products must be earthed.

Powerlink Products

Powerlink Products must be installed into the Powerlink Distribution System using the ELV Isolation box supplied with the Powerlink coaxial TV outlet.

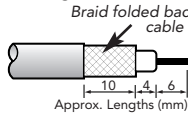
D. INSTALLATION INSTRUCTIONS

1. Where fitted remove the frontplate fixing screws from the back of the product.
2. Ensure that the mounting box is firmly secured and there is sufficient coaxial downlead protruding for connection.
3. Cables should be cut to a length, so that they can be routed within the mounting box to avoid sharp bends.

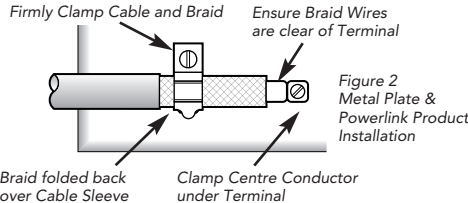
METAL PLATE AND POWERLINK PRODUCTS

1. Strip the cable to the dimensions shown in Figure 1 folding the exposed screening braid back over the cable sleeve.

Figure 1
Metal Plate and
Powerlink Products



2. Connect the inner conductor to the square terminal block and securely clamp the screening braid



under the clamp ensuring that there are no loose conductor strands which could cause short circuits (Figure 2).

3. Carefully push the wired unit back into the mounting box, ensuring that the coaxial cable does not have any sharp bends or is trapped or pinched.
4. Locate and tighten the fixing screws. Do not over tighten the screws, to do so may damage the frontplate or screw threads.

ACCENT PRODUCTS

1. Fit the Accent Grid to the box and pull the coaxial cable through the hole.
2. Strip the cable to the dimensions shown in Figure 3 folding the exposed screening braid back over the cable sleeve.

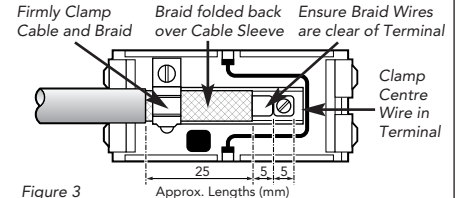


Figure 3
Accent Products

D. INSTALLATION INSTRUCTIONS (Continued)

3. Connect the inner conductor to the square terminal block and securely clamp the screening braid under the clamp ensuring that there are no loose conductor strands which could cause short circuits (Figure 3).
4. Carefully push the wired unit back into the Accent Grid, ensuring that the coaxial cable does not have any sharp bends or is trapped or pinched.
5. Fit the Accent frontplate.

LOGIC PLUS PRODUCTS

1. The Single TV/FM sockets are fitted with a cable clamp that can be fixed on either side of the product.

Note: To change the position of the cable clamp, remove the screw and slide the clamp off the lower edge of the product. The clamp and screw can then be re-assembled on the opposite side.

2. Carefully strip the end of the coaxial cable to the dimensions shown in figures 4 or 5 according to the type of product being installed.

Fold the exposed braid back over the outside insulation sheath and carefully trimming off the excess braid so that there are no stray or excessively long strands.

Figure 4
Standard Isolated
and Non Isolated
Outlets

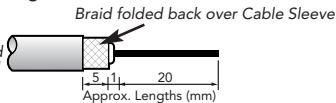
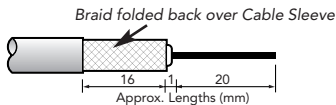


Figure 5
Diplexer Outlets



3. Fully insert the exposed inner core of the cable into the rectangular hole marked **CENTRE CORE** (Figure 6).
4. Bend the cable down and to the side, sliding it under the cable clamp without disturbing the earth braid (Figure 7) and avoiding stray strands that may cause a short circuit.

5. Before tightening the clamp, ensure the cable can be routed as intended, and that any stray or loose strands are tucked under the clamp. The clamp should then be tightened (Figure 8) so that the cable is firmly gripped, without squashing the inner insulation beyond a slight oval shape.
6. Carefully push the wired unit back into the mounting box, ensuring that the cable does not have sharp bends or is trapped or pinched.
7. Locate and tighten the frontplate fixing screws. Do not over tighten the screws, to do so may damage the frontplate or screw threads.

Fig.6

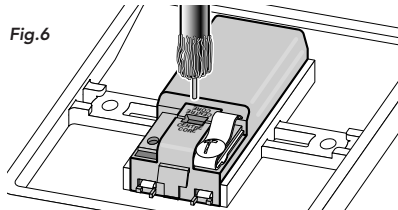


Fig.7

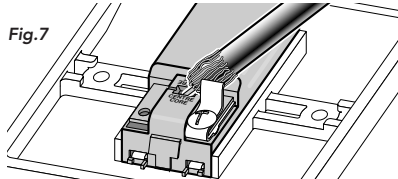
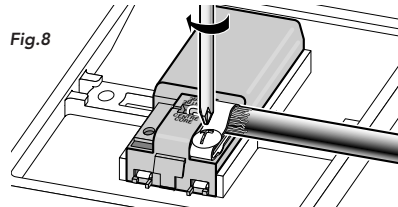


Fig.8



E. DISPOSAL INSTRUCTIONS

At the end of its useful life, product and packaging can be safely disposed of via standard refuse facilities.

F. GUARANTEE

The Company undertakes to replace or repair at its discretion products should they become defective within 10 years solely as a result of faulty materials and/or workmanship. Understandably if the product has not been installed or maintained in accordance with the company's instructions, has not been used appropriately or if any attempt has been made to rectify, dismantle or alter the product in any way the guarantee will be invalidated.

This Guarantee states the Company's entire liability. It does not extend to cover consequential loss or damage or installation costs arising from the defective product. This Guarantee does not restrict or infringe the normal statutory rights of the consumer.

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