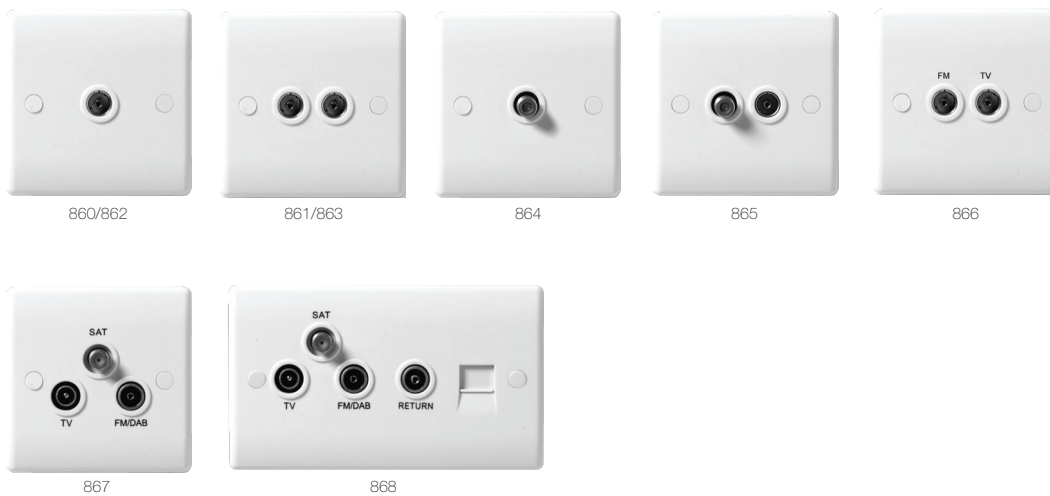**BRITISH BG GENERAL**

Brief product description:

The subtle design will blend with any décor - suitable for domestic or commercial installations.

Features:

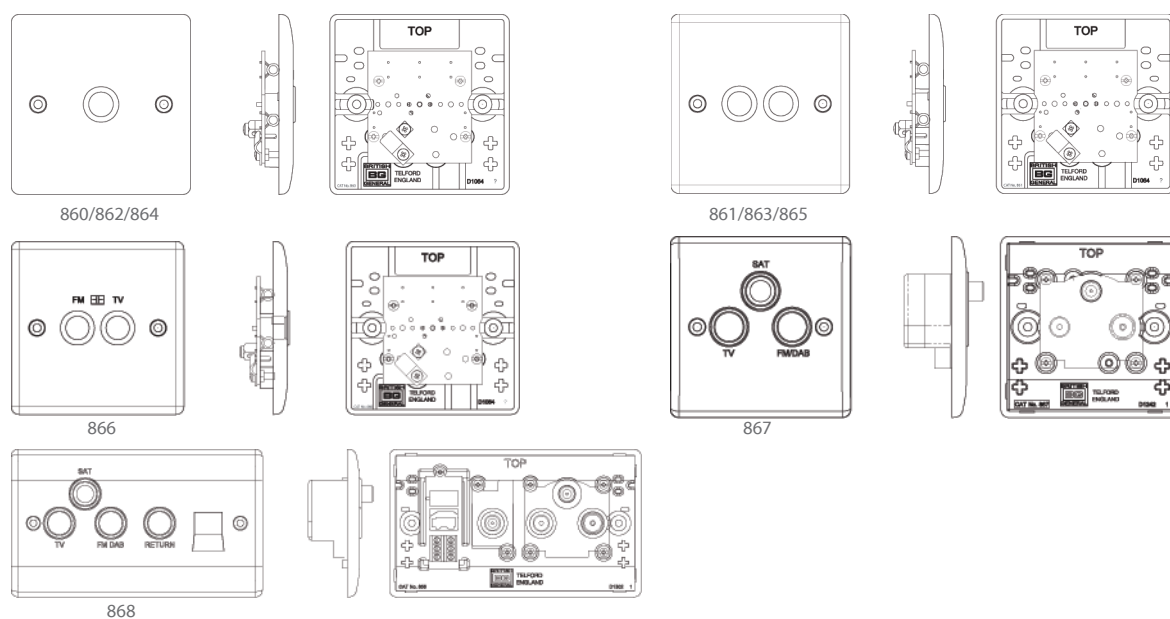- Stylish modern profile
- Covers to conceal fixing screws

Product Images

860/862	861/863	864	865	866

867	868

Technical Specifications

Standard(s)	BS3041 & BS5733, additionally BS 6312-2 for 868
RoHS Directive	No
WEEE Directive	No
Mounting Box Depth(Min)	25mm (860, 861, 862, 863, 864, 865, 866 products)
	35mm (867, 868 products)
Fixing Centres	60.3mm (860, 861, 862, 863, 864, 865, 866, 867 products)
	120.6mm (868 product)
Size	86mm x 86mm x 27mm (860, 861, 862, 863, 866 products)
	86mm x 86mm x 35mm (864, 865 products)
	86mm x 86mm x 38mm (867 product)
	146.5mm x 86mm x 38mm (868 product)

Co-Axial, Satellite & Triplex Outlets

Line Diagrams

860/862/864

861/863/865

866

867

868

Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity			Barcode		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Individual	Inner Box	Outer Box
860	1G Co-Axial Socket	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765001960		
861	2G Co-Axial Socket	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765001991		
862	1G Isolated Co Socket	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765002028		
863	2G Isolated Co Socket	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765002059		
864	1G Satellite Socket	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765002080		
865	2G Sat.&Co Socket	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765002110		
866	2G Diplex TV/FM	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765002141		
867	3G Triplex TV/FM/Sat	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765002172		
868	Triplex with BT outlet & co-axial return	Nexus PolyBag	Nexus Inner	Nexus Outer	1	5	50	5050765002202		

Weights & Dimensions

Cat No.	Description	Dimension (W x L x H) cm			Weight (g)			CMB (m³)
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
860	1G Co-Axial Socket	9.2 x 9.2 x 2.47	12.5 x 18 x 9.2	26 x 49.5 x 19	72	754	8000	0.024
861	2G Co-Axial Socket	9.2 x 9.2	12.5 x 18 x 9.2	26 x 49.5 x 19		754	8000	0.024
862	1G Isolated Co Socket	9.2 x 9.2	12.5 x 18 x 9.2	26 x 49.5 x 19		754	8000	0.028
863	2G Isolated Co Socket	9.2 x 9.2						
864	1G Satellite Socket	9.2 x 9.2	15 x 18 x 9.2	31 x 49.5 x 19		804	8600	0.029
865	2G Sat.&Co Socket	9.2 x 9.2	15 x 18 x 9.2	31 x 49.5 x 19		884	9400	0.029
866	2G Diplex TV/FM	9.2 x 9.2	12.5 x 18 x 9.2	26 x 49.5 x 19	81	714	8400	0.024
867	3G Triplex TV/FM/Sat	9.2 x 9.2	18 x 22.5 x 9.2	37 x 49.5 x 23.5		1385	14600	0.043
868	Triplex with BT outlet & co-axial return	9.2 x 15.2	15 x 22.5 x 9.2	31 x 49.5 x 23.5		1040	11200	0.036

Co-Axial, Satellite & Triplex Outlets

Installation Information

Safety Warning

Before use please read and carefully use in accordance with these safety wiring instructions.

To ensure a satisfactory operation these products should be installed by a competent person. If in doubt seek advice from a qualified engineer.

These products should not be installed into the same enclosure containing mains exceeding 50V. Avoid running the telecom cable within 50mm of mains electrical cable.

Socket Types

1. Non-Isolated – Intend for use in installations with direct connection to the Aerial down-lead.

2. Isolated – This type of co-axial outlet provides a safety installation between the Aerial down-lead and the co-axial socket. These sockets are not suitable for use in systems where DC signals are passed through the socket. For example, where masthead/headend equipment is controlled by receiver/decoder equipment).

3. TV/FM Diplex – This diplexer unit separates the TV and FM band signals from systems where both signals are combined on a single aerial down-lead.

> **Technical Helpline: 0845 194 7584**
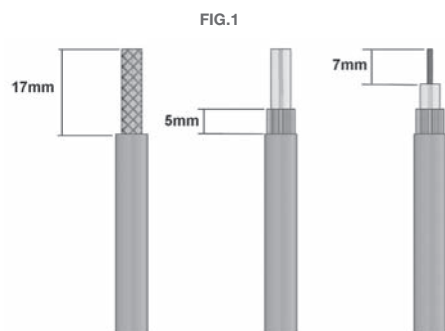> **If in doubt consult a competent electrician.**

General Installation Instructions

1) If using the new product to replace an old one, note the cable connections and wire up new product in the same way as the old one, with Earthing as stated in these instructions.

2) Ensure the mounting box (metal or patress) for either flush or surface mounting is the appropriate size for the product.

3) Route the cable through the most suitable entry point of the mounting box. If a metal box is used, a protective cable grommet should be used.

4). Strip the cable to the dimensions shown in the diagram opposite. (Fig.1)

5). 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 that may cause short circuits. To assist with the correct installation of this product please consult the appropriate wiring diagram.

6). 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. Always tighten the terminal screws securely, but do not overtighten.

7) Carefully position the accessory into the wall box, ensuring that no wires are trapped between the plate and the wall. Do not overtighten the screws.
(Fit screw covers + clip-on front-plate as appropriate)

8) Once work has been completed correctly, the product is now ready for use.

* Note - If your installation uses a four lug metal mounting box, remove the top and bottom lugs or bend fully back.

FIG.1

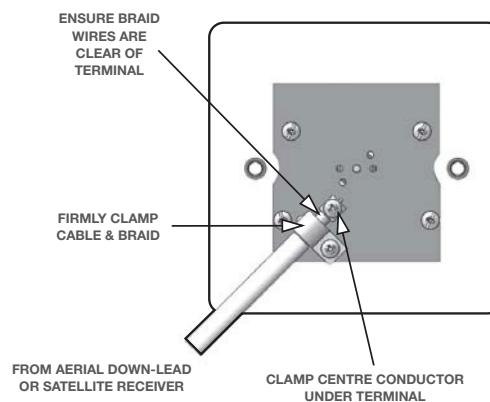Step 1: Remove 17mm of outer sheath

Step 2: Twist screening braid back onto itself until 5mm long

Step 3: Remove 7mm of inner insulating sheath

Connection Diagram For

1 Gang Co-axial Socket, 1 Gang Isolated Co-axial Socket, Satellite F-Type Socket, and TV/FM Diplex Socket.

ENSURE BRAID WIRES ARE CLEAR OF TERMINAL

FIRMLY CLAMP CABLE & BRAID

FROM AERIAL DOWN-LEAD OR SATELLITE RECEIVER

CLAMP CENTRE CONDUCTOR UNDER TERMINAL

Connection Diagram For

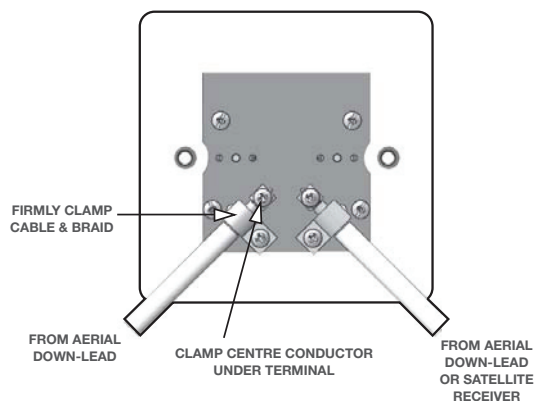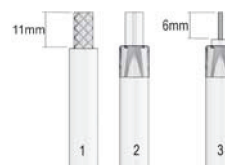2 Gang Co-axial Socket, 2 Gang Isolated Co-axial Socket, and 2 Gang Satellite F-Type Socket and Co-axial socket.
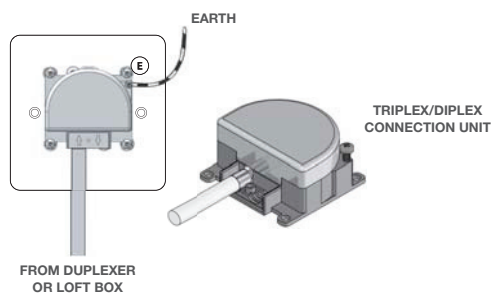

FIRMLY CLAMP CABLE & BRAID

FROM AERIAL DOWN-LEAD

CLAMP CENTRE CONDUCTOR UNDER TERMINAL

FROM AERIAL DOWN-LEAD OR SATELLITE RECEIVER

FIG.1
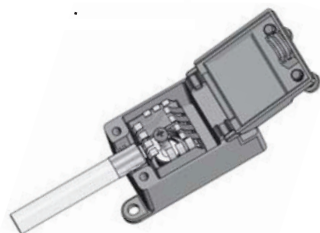
Co-Axial, Satellite & Triplex Outlets

Triplex – Tv/Fm/Sat Outlet And Diplex - Tv/Fm
Connection
1. Fully loosen the cable clamp securing screws and remove cable clamp.
2. Fully push the centre copper core of the aerial cable into hole provided.
Ensure that no loose strands of copper braid are touching the inner copper core.
3. Replace the cable clamp and secure by tightening the screw. Do not overtighten to avoid crushing the cable.
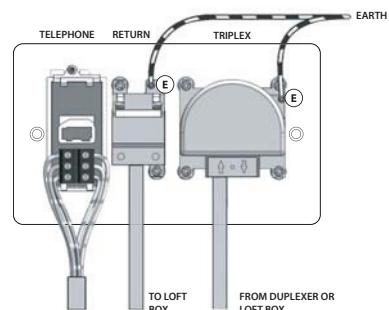4. An earth bond terminal is provided if required.

EARTH

TRIPLEX/DIPLEX
CONNECTION UNIT

FROM DUPLEXER
OR LOFT BOX

Return Connection (Back To Loft Box)
1.Fully loosen the two lid securing screws, and open the lid.
2.Loosen but do not remove the centre terminal screw.
3.Insert the centre copper core of the aerial cable into the terminal hole. Ensure that no loose strands of copper braid are touching the inner copper core. Secure by lightly tightening the terminal screw.
4.Close the lid and tighten the securing screws. Do not overtighten to avoid crushing the cable.
5.An earth bond terminal is provided if required.

Triplex – Tv/Fm/Sat Outlet Plate With Return And Telephone Outlet

EARTH

TELEPHONE   RETURN   TRIPLEX

TO LOFT   FROM DUPLEXER OR
BOX   LOFT BOX

Telephone Socket Connection - *Slave Socket provided with unit*
The ends of the individual conductors should have the insulation removed by approx. 8mm. Connect each wire as per the BT Wiring Scheme below. Ensure that only the bare end of the wire enters the terminal, and no bare wires are visible. Always tighten the terminal screws securely.

BT Wiring Scheme	
Terminal / Line	Colour
1	Green with White rings
2	Blue with White rings
3	Orange with White rings
4	White with Orange rings
5	White with Blue rings
6	White with Green rings

*Note - An existing installation may use a different wiring colour code system. It is essential that the new product is wired up in the same way as the old one.

The simplest way is either to label each conductor with the location of the terminal to which it connects as you release it or to transfer one conductor at a time to the corresponding terminal on the new product.

BRITISH BG GENERAL

Brief product description:

A standard range of white moulded wall accessories offering superb quality and exceptional value.

Features:

- A standard design - suitable for domestic or commercial installations.

Product Images

| 960/962 | 961/963 | 964 | 965 | 966 |

Technical Specifications

Standard(s)	BS3041 & BS5733
RoHS Directive	No
WEEE Directive	No
Mounting Box Depth(Min)	25mm
Fixing Centres	60.3mm
Size	86mm x 86mm x 27mm (960, 961, 962, 963, 966 products)
	86mm x 86mm x 35mm (964, 965 products)

Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity			Barcode		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Individual	Inner Box	Outer Box
960	1G Co-Axial Socket	Plain Bag	Plain Inner	Plain Outer	1	10	100	/	5021166960095	5021166960088
961	2G Co-Axial Socket	Plain Bag	Plain Inner	Plain Outer	1	10	100	/	5021166961092	5021166961085
962	1G Isolated Co Socket	Plain Bag	Plain Inner	Plain Outer	1	10	100	/	5021166962099	5021166962082
963	2G Isolated Co Socket	Plain Bag	Plain Inner	Plain Outer	1	10	100	/	5021166963096	5021166963089
964	1G Satellite Socket	Plain Bag	Plain Inner	Plain Outer	1	10	100	/	5021166964093	5021166964086
965	2G Sat.&Co Socket	Plain Bag	Plain Inner	Plain Outer	1	10	100	/	5021166965090	5021166965083
966	2G Diplex TV/FM	Plain Bag	Plain Inner	Plain Outer	1	10	100	/	5021166966097	5021166966080

Weights & Dimensions

Cat No.	Description	Dimension (W x L x H) cm			Weight (g)			CMB (m³)
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
960	1G Co-Axial Socket		12 x 15.8 x 9.2	25.1 x 48 x 16.5	75	750	8700	0.0216864
961	2G Co-Axial Socket		12 x 15.8 x 9.2	25.1 x 48 x 16.5	8	800	9000	0.0216864
962	1G Isolated Co Socket		12 x 15.8 x 9.2	25.1 x 48 x 16.5	4	400	6000	0.0216864
963	2G Isolated Co Socket		12 x 15.8 x 9.2	25.1 x 48 x 16.5	6	600	8600	0.0216864
964	1G Satellite Socket		13 x 16 x 9.2	27 x 47 x 16.8	65	650	8000	0.0213192
965	2G Sat.&Co Socket		13 x 16 x 9.2	27 x 47 x 16.8	7	700	8350	0.0213192
966	2G Diplex TV/FM		12 x 17 x 9.2	25.1 x 48 x 16.5			6000	0.0216864

Co-Axial And Satellite Sockets

Installation Information

Safety Warning

Before use please read and carefully use in accordance with these safety wiring instructions.

To ensure a satisfactory operation these products should be installed by a competent person. If in doubt seek advice from a qualified engineer.

These products should not be installed into the same enclosure containing mains exceeding 50V. Avoid running the telecom cable within 50mm of mains electrical cable.

Socket Types

1. Non-Isolated – Intend for use in installations with direct connection to the Aerial down-lead.

2. Isolated – This type of co-axial outlet provides a safety installation between the Aerial down-lead and the co-axial socket. These sockets are not suitable for use in systems where DC signals are passed through the socket. For example, where masthead/headend equipment is controlled by receiver/decoder equipment).

3. TV/FM Diplex – This diplexer unit separates the TV and FM band signals from systems where both signals are combined on a single aerial down-lead.

> **Technical Helpline: 0845 194 7584**
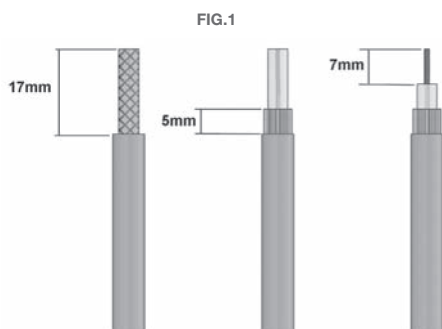> **If in doubt consult a competent electrician.**

General Installation Instructions

1) If using the new product to replace an old one, note the cable connections and wire up new product in the same way as the old one, with Earthing as stated in these instructions.

2) Ensure the mounting box (metal or patress) for either flush or surface mounting is the appropriate size for the product.

3) Route the cable through the most suitable entry point of the mounting box. If a metal box is used, a protective cable grommet should be used.

4). Strip the cable to the dimensions shown in the diagram opposite. (Fig.1)

5). 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 that may cause short circuits. To assist with the correct installation of this product please consult the appropriate wiring diagram.

6). 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. Always tighten the terminal screws securely, but do not overtighten.

7) Carefully position the accessory into the wall box, ensuring that no wires are trapped between the plate and the wall. Do not overtighten the screws.
(Fit screw covers + clip-on front-plate as appropriate)

8) Once work has been completed correctly, the product is now ready for use.

* Note - If your installation uses a four lug metal mounting box, remove the top and bottom lugs or bend fully back.
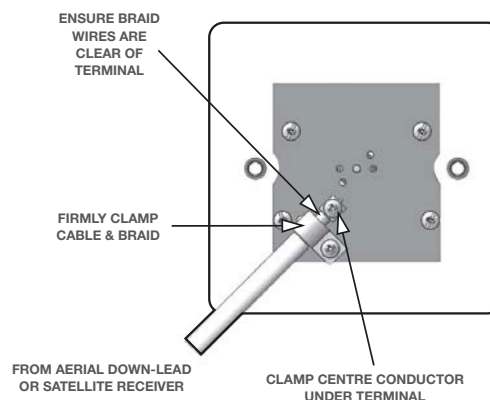
FIG.1

17mm

5mm

7mm

Step 1: Remove 17mm of outer sheath

Step 2: Twist screening braid back onto itself until 5mm long

Step 3: Remove 7mm of inner insulating sheath

Connection Diagram For
1 Gang Co-axial Socket, 1 Gang Isolated Co-axial Socket, Satellite F-Type Socket, and TV/FM Diplex Socket.

ENSURE BRAID WIRES ARE CLEAR OF TERMINAL

FIRMLY CLAMP CABLE & BRAID

FROM AERIAL DOWN-LEAD OR SATELLITE RECEIVER

CLAMP CENTRE CONDUCTOR UNDER TERMINAL

Connection Diagram For
2 Gang Co-axial Socket, 2 Gang Isolated Co-axial Socket, and 2 Gang Satellite F-Type Socket and Co-axial socket.

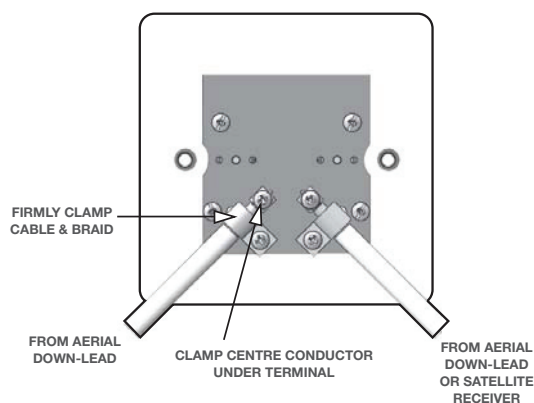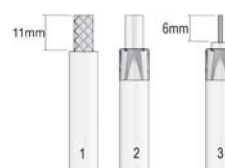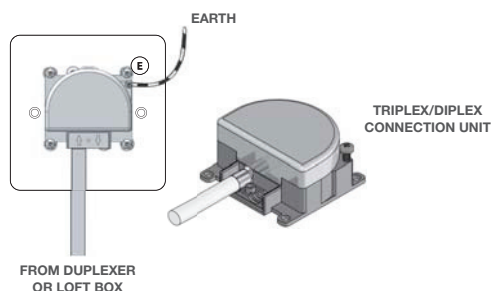FIRMLY CLAMP CABLE & BRAID

FROM AERIAL DOWN-LEAD

CLAMP CENTRE CONDUCTOR UNDER TERMINAL

FROM AERIAL DOWN-LEAD OR SATELLITE RECEIVER

FIG.1

11mm

6mm

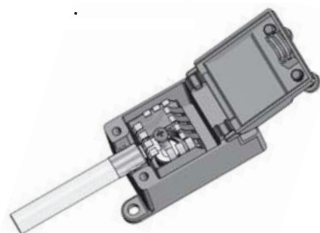1   2   3

Installation Information

Triplex – Tv/Fm/Sat Outlet And Diplex - Tv/Fm

Connection

1. Fully loosen the cable clamp securing screws and remove cable clamp.

2. Fully push the centre copper core of the aerial cable into hole provided.

Ensure that no loose strands of copper braid are touching the inner copper core.

3. Replace the cable clamp and secure by tightening the screw. Do not overtighten to avoid crushing the cable.

4. An earth bond terminal is provided if required.

EARTH

TRIPLEX/DIPLEX CONNECTION UNIT
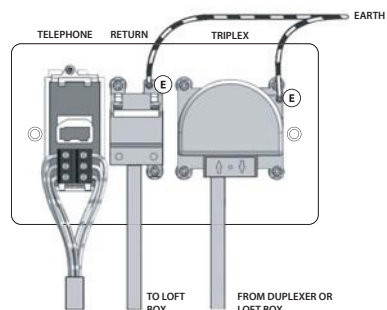
FROM DUPLEXER OR LOFT BOX

Return Connection (Back To Loft Box)

1. Fully loosen the two lid securing screws, and open the lid.

2. Loosen but do not remove the centre terminal screw.

3. Insert the centre copper core of the aerial cable into the terminal hole. Ensure that no loose strands of copper braid are touching the inner copper core. Secure by lightly tightening the terminal screw.

4. Close the lid and tighten the securing screws. Do not overtighten to avoid crushing the cable.

5. An earth bond terminal is provided if required.

Triplex – Tv/Fm/Sat Outlet Plate With Return And Telephone Outlet

TELEPHONE   RETURN   TRIPLEX   **EARTH**

TO LOFT BOX   **FROM DUPLEXER OR LOFT BOX**

Telephone Socket Connection - *Slave Socket provided with unit*

The ends of the individual conductors should have the insulation removed by approx. 8mm. Connect each wire as per the BT Wiring Scheme below. Ensure that only the bare end of the wire enters the terminal, and no bare wires are visible. Always tighten the terminal screws securely.

BT Wiring Scheme	
Terminal / Line	Colour
1	Green with White rings
2	Blue with White rings
3	Orange with White rings
4	White with Orange rings
5	White with Blue rings
6	White with Green rings

*Note - An existing installation may use a different wiring colour code system. It is essential that the new product is wired up in the same way as the old one.

The simplest way is either to label each conductor with the location of the terminal to which it connects as you release it or to transfer one conductor at a time to the corresponding terminal on the new product.