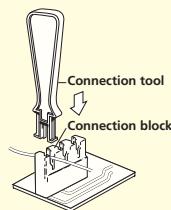


CAPITAL TELEPHONE SOCKET OUTLETS

The Crabtree Capital range of Telephone Socket Outlets has been developed primarily for use in telephone systems using British Telecom standards. The products are similar in specification to units available from British Telecom.

TERMINATIONS

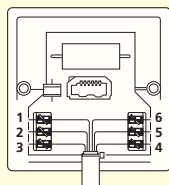
All telephone outlets should be wired in accordance with the wiring diagrams shown below. Connection of these telephone outlets is by the IDC (Insulation Displacement Connection) method allowing one or two equal size cables (0.40–0.68mm) to be terminated per connection block, using Crabtree connection tool List No.6915 as shown below.



- Allow 50mm cable 'tails' at each connection block
- Push home in direction of arrow with connection tool
- Excess cable may be trimmed using wire cutters

WIRING COLOUR CODE

Pin number	Base colour/strip
1	Green/White
2	Blue/White
3	Orange/White
4	White/Orange
5	White/Blue
6	White/Green

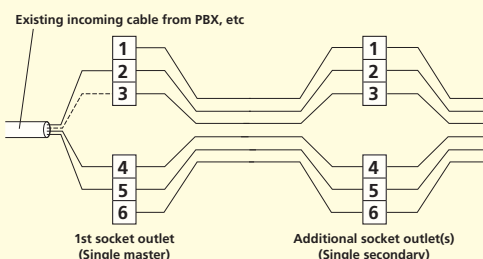


WIRING DIAGRAMS

Example of typical connections:

- 1 Connections to 2 & 5
- 2 Earth recall (when used) connect to terminal 4
- 3 Connection to terminal 3 is not usually required

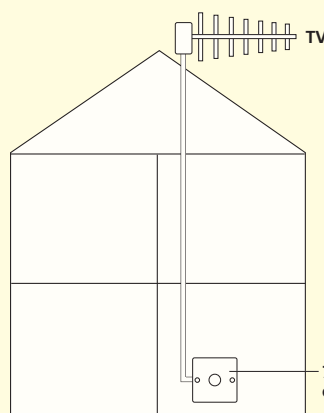
- NB** (a) Standard 4 wire cable is shown below as incoming cable. If terminals 1 and 6 (normally unused) are required, 6 wire cable may be used.
- (b) All socket outlet connections are in parallel – any number of socket outlets can be connected, but it is recommended that only a maximum of 5 telephones be used at any one time on one line.



As seen from rear

CO-AXIAL SOCKET OUTLETS

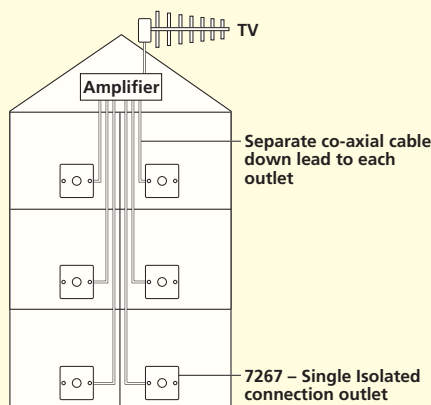
In order to comply with the latest EMC directives, all installations containing amplification systems or comprising multiple co-axial socket outlets must be fitted with appropriate earth bonding. Isolated Co-Axial Sockets are isolated 2kV.



Note
If additional outlets are required, an amplifier should be used. Each outlet is then wired separately to the amplifier.

7265 – Single Direct connection outlet

Single connection outlet
Domestic installation



Co-axial outlet installation
Communal aerial system eg flats, hotels etc

WARNING NOTES

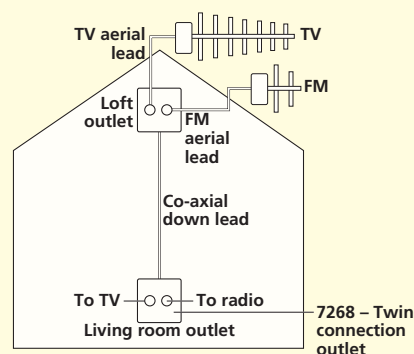
In order to comply with current Wiring Regulations, metal faceplate telephone socket outlets must be within the 'equipotential zone' of the building they are located in. Therefore an earth terminal is fitted to metal plate units which should be connected to the electrical installation's earthing system.

Testing

- (a) Connect cables as shown in wiring diagram
- (b) Plug in telephones
- (c) Lift receivers and check for dial tone
- (d) Make an incoming call to check bells work
- (e) If circuit does not work, disconnect and check thoroughly before reconnecting

Note

Unauthorised connection of telephone socket outlets to wiring owned by British Telecom is an offence. Further information concerning the requirements of a telephone system installation can be obtained from the Department of Industry or the telephone equipment supplier.



TV/FM outlet installation

TV and FM aerial connections use a twin connection outlet (7268) and one co-axial down lead. 1 Fit a co-axial connector to the TV and FM aerial cables. 2 Plug connectors into 7268 in loft. 3 Connect a co-axial cable run between back of 7268 in loft and back of 7268 in the living room, then plug TV and FM radio into front of plate.

7268 – Twin connection outlet