

Connectors for analogue telecommunication interfaces —

**Part 2: Sockets for use with plugs
specified in BS 6312-1 —**

**Section 2.1 Specification for sockets —
general requirements**

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee TCT/2, Analogue telecommunication networks, upon which the following bodies were represented:

British Approvals Board for Telecommunications
British Broadcasting Corporation
British Facsimile Industry Consultative Committee
British Micro Computer Manufacturers' Group (BMMG)
British Telecommunications plc
Cable Communications Association
Department of Trade and Industry (Telecommunications and Posts Division)
Electrical Installation Equipment Manufacturers' Association (BEAMA Ltd.)
Electricity Association
Federation of the Electronics Industry
Institution of Electrical Engineers
Kingston Communications (Hull) plc
Mercury Communications Ltd.
National Communications Union
National Transcommunications Ltd.
OFTEL (Office of Telecommunications)
Society of Cable Television Engineers
Society of Telecom Executives
Telecommunications Industry Association
Telecommunications Users' Association (TUA)

This British Standard, having been prepared under the direction of the Telecommunications Assembly, was published under the authority of the Standards Board and comes into effect on 15 March 1996

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The following BSI references relate to the work on this standard:
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Foreword

This Section of BS 6312-2 has been prepared under the direction of Technical Committee TCT/2. It forms one of a series of British Standards that are being produced following the commencement of liberalization in October 1981 of the supply of certain telecommunications apparatus within the United Kingdom.

The series of standards includes product and facility specifications giving particular requirements for individual items of apparatus and facilities, together with standards covering general requirements for the connection of apparatus to the various public telecommunication systems (i.e. any telecommunication system designed as a public telecommunication system by an order made under Section 9 of the Telecommunications Act 1984).

The requirements specified in the standards are intended to ensure that the apparatus conforming to them, when connected to public telecommunication systems, will neither adversely affect any such system, nor interfere with the service available to other users of the systems.

The standards include safety requirements that are only for the protection of personnel operating the public telecommunication system and others that are for the protection of users from hazards that may arise from the connection of the apparatus to that system.

BS 6312:1985 has been revised and re-numbered as BS 6312-1:1994 and is published with a new Part 2 which comprises two separate Sections.

BS 6312 covers the generic subject of connectors for analogue telecommunication interface purposes.

BS 6312-1 specifies the requirements for plugs.

BS 6312-2 specifies the requirements for sockets for use with plugs specified in BS 6312-1.

There are two Sections of Part 2.

- *Section 2.1: Specification for sockets — general requirements;*
- *Section 2.2: Specification for particular requirements for fixed socket-outlets used in permanent wiring installations.*

This standard may be presented for designation under Section 22 of the Telecommunications Act 1984.

It is stipulated in the Telecommunications Act 1984 that apparatus within the scope of a designated standard may only be approved for connection to a telecommunication system if it conforms to that standard. Exceptions may be determined by or under the designation, which may stipulate variations of, or additions to, the requirements of the standard. The designation may also set conditions regarding the apparatus, its connection, or its use.

A copy of any designation will be included when available with all copies of this standard. Any further information on, or details of, the designation may be obtained from the Office of Telecommunications (OFTEL), 50 Ludgate Hill, London EC4M 7JJ.

Figure 1 is reproduced, by way of illustration, with the permission of British Telecommunications plc.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations. In particular, attention is drawn to the Telecommunications Act 1984.

Summary of pages

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This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.