

Cabled distribution systems for television and sound signals —

Part 4: Passive coaxial wideband distribution equipment

The European Standard EN 50083-4:1994 has the status of a British Standard

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee EEL/25, Radio communication, upon which the following bodies were represented:

- British Broadcasting Corporation
- British Radio and Electronic Equipment Manufacturers' Association
- British Telecommunications plc
- Cable Television Association of Great Britain
- Confederation of Aerial Industries
- Electricity Association
- Institution of Electrical Engineers
- Radio, Electrical and Television Retailers' Association
- Radiocommunications Agency
- Society of Cable Television Engineers

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board (L/1), was published under the authority of the Standards Board and comes into effect on 15 April 1995

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Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
Text of EN 50083-4	3
List of references	Inside back cover

National foreword

This British Standard has been prepared by Technical Committee EEL/25 and is the English language version of EN 50083-4:1994 *Cabled distribution systems for television and sound signals — Part 4: Passive coaxial wideband distribution equipment*, published by the European Committee for Electrotechnical Standardization (CENELEC).

It forms Part 4 of a multi-Part standard on cabled distribution systems for television and sound signals.

Other Parts to follow will cover terms and definitions, electromagnetic compatibility for components and systems, active coaxial wideband distribution equipment, headend equipment, optical equipment, system performance, digital cable television equipment for coaxial cabled distribution systems, and digital cable television equipment for optical cabled distribution systems.

This Part identifies performance requirements and specifies data publication requirements for certain parameters; stipulates methods of measurement; and introduces minimum requirements defining quality (Q) grade (s). It covers frequencies from 5 MHz to 1 750 MHz and applies to receiver leads, system outlets, splitters and subscriber taps, passive one- and two-port devices comprising filters, attenuators, equalizers, galvanic isolators, power injectors, cable splices, terminating resistors and transfer points. It excludes coaxial cables.

Cross-references

Publication referred to	Corresponding British Standard
EN 50083	BS EN 50083 <i>Cabled distribution systems for television and sound signals</i>
EN 50083-1:1993	Part 1:1994 <i>Safety requirements</i>
EN 50083-3:1994	Part 3:1995 <i>Active coaxial wideband distribution equipment</i>
EN 50083-5:1994	Part 5:1994 <i>Headend equipment</i>
EN 60068	BS EN 60068 <i>Environmental testing</i>
HD 323 series	BS 2011 <i>Environmental testing</i>
EN 60169-24:1993	BS EN 60169 <i>Radio-frequency coaxial connectors</i> Part 24:1994 <i>Radio-frequency coaxial connectors with screw coupling, typically for use in 75 ohm cable distribution systems (Type F)</i>
EN 60529:1991	BS EN 60529:1992 <i>Specification for degrees of protection provided by enclosures (IP code)</i> BS 3041 <i>Radio-frequency connectors</i>
HD 134.1 S1	Part 1:1977 <i>Specification for general requirements and measuring methods</i>
HD 134.2 S2	Part 2:1977 <i>Specification for coaxial unmatched connector</i>
HD 571 S1	BS 7477:1991 <i>Guide for general principles for the creation of graphical symbols for use on equipment</i>

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Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the EN title page, pages 1 to 14, an inside back cover and a back cover.

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.

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Descriptors: Telecasting, cable television, sound broadcasting, television broadcasting, community aerial systems, coaxial cables, components, measuring techniques, specifications

English version

Cabled distribution systems for television and sound signals

Part 4: Passive coaxial wideband distribution equipment

Systèmes de distribution par câble destinés aux signaux de radiodiffusion sonore et de télévision

Kabelverteilsysteme für Ton- und Fernsehgrundfunk- Signale

Partie 4: Matériels passifs utilisés dans les systèmes de distribution coaxiale à large bande

Teil 4: Passive Breitbandgeräte für koaxiale Verteilnetze

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B-1050 Brussels

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