საქართველოს სტანდარტი

საინფორმაციო ტექნოლოგიები - საერთო საკაბელო სისტემები - ნაწილი 4: სახლები

საქართველოს სტანდარტებისა და მეტროლოგიის
ეროვნული სააგენტო
თბილისი

სსტ ენ 50173-4:2018/2019

საინფორმაციო მონაცემები

1 შემუშავებულია საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს სტანდარტების დეპარტამენტის მიერ

2 დამტკიცებულია და შემოღებულია სამოქმედოდ საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს 2019 წლის 9 ოქტომბრის № 73 განკარგულებით

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4 პირველად

5 რეგისტრირებულია საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 2019 წლის 9 ოქტომბერი №268-1.3-015312

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English Version

Information technology - Generic cabling systems - Part 4: Homes

Technologies de l'information - Systèmes de câblage générique - Partie 4: Locaux d'habitation

Informationstechnik - Anwendungsneutrale Kommunikationskabelanlagen - Teil 4: Wohnungen

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European Committee for Electrotechnical Standardization
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European foreword

This document (EN 50173-4:2018) has been prepared by the Technical Committee CENELEC TC 215 "Electrotechnical aspects of telecommunication equipment" in cooperation with the Technical Committee CENELEC TC 209 "Cable networks for television signals, sound signals and interactive services".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2019-03-19
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2021-03-19

This document supersedes the text of EN 50173-4:2007 + A1:2010 + A2:2012.

The European Standards EN 50173:1995 and EN 50173-1:2002 have been developed to enable the application-independent cabling to support ICT applications in office premises. Their basic principles, however, are applicable to other types of applications and in other types of premises.

TC 215 has decided to establish relevant European Standards which address the specific requirements of these premises. In order to point out the commonalities of these cabling design standards, these EN are published as individual parts of the series EN 50173, thus also acknowledging that standards users recognize the designation “EN 50173” as a synonym for generic cabling design.

At the time of publication of this European Standard, series EN 50173 comprises the following standards:

EN 50173-1	Information technology — Generic cabling systems — Part 1: General requirements
EN 50173-2	Information technology — Generic cabling systems — Part 2: Office spaces
EN 50173-3	Information technology — Generic cabling systems — Part 3: Industrial spaces
EN 50173-4	Information technology — Generic cabling systems — Part 4: Homes
EN 50173-5	Information technology — Generic cabling systems — Part 5: Data centre spaces
EN 50173-6	Information technology — Generic cabling systems — Part 6: Distributed building services

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This edition of EN 50173-4:

a) introduces new components 8.1 and 8.2 for balanced cabling to support new channel Classes I and II as well as optical fibre cabling (OM5) as defined in EN 50173-1:2018;

b) revises the functional elements in Clause 4;

c) clarifies the relation of generic home cabling systems to the network access cabling subsystem in Clause 4;

d) introduces relevant design objectives for home cabling systems;

e) introduces cable sharing requirements;

f) removes CCCB cabling and relevant component requirements;

g) removes Annex B of the previous edition;

h) aligns the document structure across the EN 50173 series and updates the document both technically and editorially.