სსტ ენ 50174-2:2018/2019

საქართველოს სტანდარტი

საინფორმაციო ტექნოლოგიები - კაბელების ინსტალაცია - ნაწილი 2: შენობებს შიგნით ინსტალაცის დაგეგმვა და პრაქტიკული განხორციელება

საქართველოს სტანდარტებისა და მეტროლოგიის
ეროვნული სააგენტო
თბილისი

სსტ ენ 50174-2:2018/2019

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

3 მიღებულია გარეკანის თარგმნის მეთოდით სტანდარტიზაციის ევროპული კომიტეტის სტანდარტი ენ 50174-2:2018 "საინფორმაციო ტექნოლოგიები - კაბელების ინსტალაცია - ნაწილი 2: შენობებს შიგნით ინსტალაცის დაგეგმვა და პრაქტიკული განხორციელება"

4 პირველად

5 რეგისტრირებულია საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 2019 წლის 9 ოქტომბერი №268-1.3-015316

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Supersedes EN 50174-2:2009

English Version

Information technology - Cabling installation - Part 2: Installation planning and practices inside buildings

Technologies de l'information - Installation de câblages - Partie 2 : Planification et pratiques d'installation à l'intérieur des bâtiments

Informationstechnik - Installation von Kommunikationsverkabelung - Teil 2: Installationsplanung und Installationspraktiken in Gebäuden

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

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European Committee for Electrotechnical Standardization
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European foreword

This document (EN 50174-2:2018) has been prepared by Technical Committee CLC/TC 215, "Electrotechnical aspects of telecommunication equipment".

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) 2019-05-21
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2021-05-21

This document supersedes EN 50174-2:2009, EN 50174-2:2009/A1:2011 and EN 50174-2:2009/A2:2014.

EN 50174 comprises three parts. All three parts support the specification, implementation and operation of information technology cabling. There are specific requirements for cabling systems that are in accordance with the design requirements of the EN 50173 series. However, the three parts also apply to cabling systems of any design including those in accordance with standards such as EN 50700.

This part, EN 50174-2, is concerned with the planning and installation of information technology cabling using metallic cabling and optical fibre cabling inside buildings. It provides guidance as to the responsibilities of those involved and is intended to be referenced in relevant contracts.

It does not cover those aspects of installation associated with the transmission of signals in free space between transmitters, receivers or their associated antenna systems (e.g. wireless, radio, microwave or satellite).

This edition of EN 50174-2:

a) revises requirements of Clause 4 and Clause 5, respectively, regarding closures, cables, the stacking height of pathway systems, surge protective devices;

b) introduces a new subclause 4.11 and Annex C on planning and assessment of cabling in support of remote powering objectives;

c) amends requirements in Clause 6 on segregation;

d) modifies Clause 7 on electricity distribution systems and lightning protection;

e) introduces minor changes to Clauses 8, 9, 10, 11;

f) removes the previous Annex A;

g) introduces Clause 12 on cabling for distributed services cabling within buildings, Clause 13 on common infrastructures within multi-tenant buildings, Annex B installation conditions and Annex D on equipment accommodation environments.