



SLOVENSKI STANDARD
SIST EN 50174-3:2014/A1:2017

01-julij-2017

**Informacijska tehnologija – Kabelska inštalacija – 3. del: Načrtovanje inštalacij in
prakse zunaj zgradb - Dopolnilo A1**

Information technology - Cabling installation - Part 3: Installation planning and practices
outside buildings

Informationstechnik - Installation von Kommunikationsverkabelung - Teil 3:
Installationsplanung und Installationspraktiken im Freien

Technologies de l'information - Installation de câblage - Partie 3: Planification et
pratiques d'installation à l'extérieur des bâtiments

Ta slovenski standard je istoveten z: EN 50174-3:2013/A1:2017

[SIST EN 50174-3:2014/A1:2017](https://standards.sist.si/catalog/standards/sist/50174-3:2014/a1:2017)

ICS:

33.040.50	Vodi, zveze in tokokrogi	Lines, connections and circuits
35.110	Omreževanje	Networking

SIST EN 50174-3:2014/A1:2017 **en**

EUROPEAN STANDARD

EN 50174-3:2013/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2017

ICS 35.110

English Version

Information technology - Cabling installation - Part 3: Installation planning and practices outside buildings

Technologies de l'information - Installation de câblage -
Partie 3: Planification et pratiques d'installation à l'extérieur
des bâtiments

Informationstechnik - Installation von
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This amendment A1 modifies the European Standard EN 50174-3:2013; it was approved by CENELEC on 2017-04-17. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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.

This amendment 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 CEN-CENELEC Management Centre has the same status as the official versions.

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<https://standards.iteh.ai/catalog/standards/sist/b04d78fc-8f8e-43fa-b9cf-4f4d4a90aa07/sist-en-50174-3-2014-a1-2017>



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 50174-3:2013/A1:2017 (E)

European foreword

This document (EN 50174-3:2013/A1:2017) has been prepared by 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) 2018-04-17
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2020-04-17

This document comes with:

- a new sub-clause 4.10 on planning of repair;
- modifications to the definitions used;
- technical and editorial corrections to Clauses 4, 5, 6, 7, Annex A and Annex B.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

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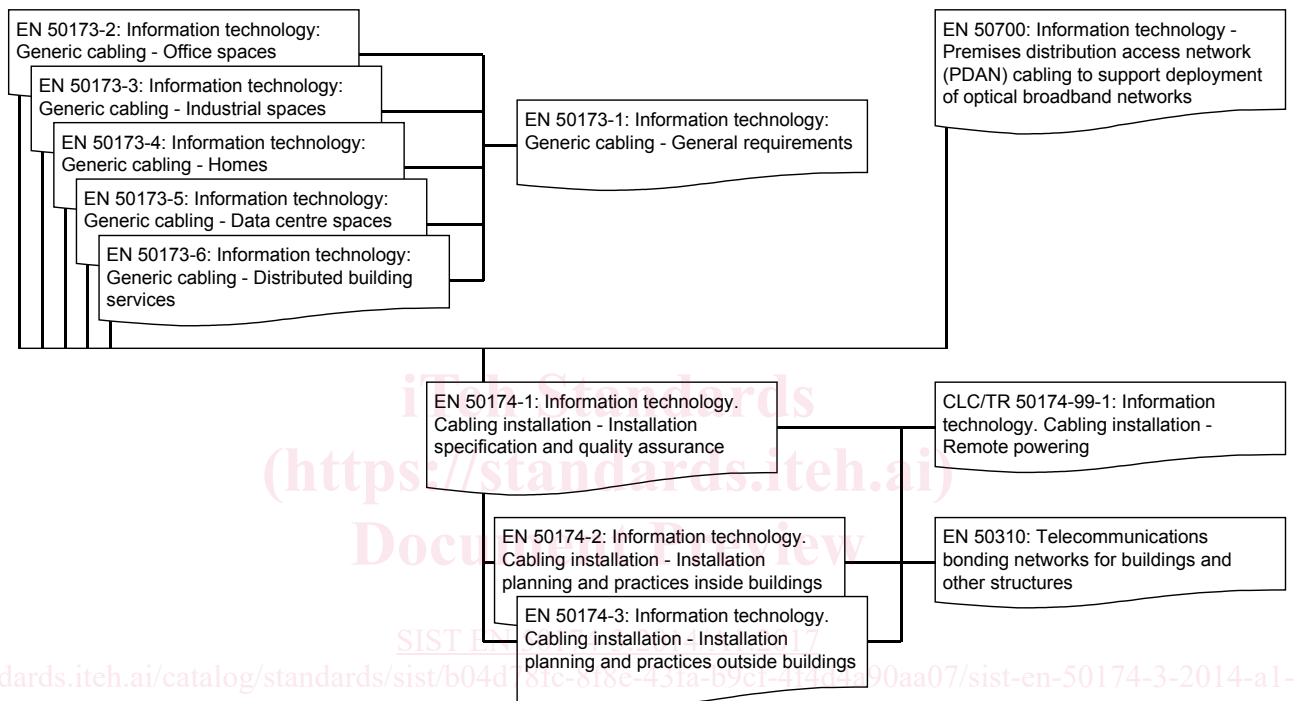
Introduction

Replace bullet 3 with “3) application dependent cabling design (e.g. EN 50700);

Delete bullet 4)

Replace bullet 5) with “4) bonding requirements (EN 50310) - the principles of which can be employed in installations outside buildings.

Replace Figure 1 by the following figure:



Replace Table 1 by the following Table

Building design phase	Generic cabling design phase	Specification phase	Installation phase	Operation phase
EN 50310	EN 50173-2	EN 50174-1	EN 50174-2 EN 50174-3 EN 50310	EN 50174-1
	EN 50173-3	Planning phase		
	EN 50173-4			
	EN 50173-5	EN 50174-2 EN 50174-3 EN 50310		
	EN 50173-6 (these ENs reference general requirements of EN 50173-1)			

EN 50174-3:2013/A1:2017 (E)

2 Normative references

Update title of EN 50310: “Telecommunications bonding networks for buildings and other structures”

Delete EN 50346

Delete EN 60950 (all parts)

Delete EN 60950-1

Add EN 13501-6, *Fire classification of construction products and building elements. Classification using data from reaction to fire tests on electric cables*

Add EN 61300-3-35, *Fibre optic connecting devices and passive components. Basic test and measurements procedures. Examinations and measurements. Fibre optic connector endface visual and automated inspection*

Add EN 62368-1, *Audio/video, information and communication technology equipment – Part 1: Safety requirements (IEC 62368-1:2014, modified)*

Add EN 62368-3, *Audio/video, information and communication technology equipment – Safety – Part 3: DC power transfer through information technology communication cabling (IEC 62368-3)*

3 Terms, definitions and abbreviations

3.1 Terms and definitions

Insert new definition 3.1.8 and **renumber** the following ones accordingly:

3.1.8

extraneous-conductive-part

conductive part not forming part of the electrical installation and liable to introduce an electric potential, generally the electric potential of a local earth

[SOURCE: IEC 60050-826:2004, 826-12-11, IEC 60050-195:1998, 195-06-11]

Amend existing definition **3.1.11** to read

“vault/chamber as part of an underground conduit system and used to facilitate placing, connectorisation, and maintenance of cables as well as the placing of associated equipment, in which it is expected that a person will enter to perform work”

Delete existing definition 3.1.12 “rural area”

Amend definition **3.1.14** to read

“use of electrically conductive barriers or physical separation to prevent electromagnetic interference between external noise sources, including power supply cabling, and information technology cabling

[SOURCE: EN 50174-2:2009/A2:2014, 3.1.28 modified – deleted the word “earthed”]