SLOVENSKI STANDARD

SIST EN 50117-4-1:2008/A1:2013

01-oktober-2013

Koaksialni kabli - 4-1. del: Področna specifikacija za kable za okabljenje BCT v skladu z EN 50173 - Notranji zaključni kabli za sisteme, ki delujejo v območju 5 MHz do 3.000 MHz

Coaxial cables - Part 4-1: Sectional specification for cables for BCT cabling in accordance with EN 50173 - Indoor drop cables for systems operating at 5 MHz - 3 000 MHz

Koaxialkabel - Teil 4-1: Rahmenspezifikation für Kabel für RuK-Verkabelung nach EN 50173 - Hausinstallationskabel im Bereich von 5 MHz bis 3 000 MHz

Câbles coaxiaux - Partie 4-1: Spécification intermédiaire pour câbles destinés au câblage BCT (Broadcast and Communication Technology) conformément à la EN 50173 - Câbles de raccordement à usage intérieur pour systèmes fonctionnant dans la plage 5 MHz - 3 000 MHz

Ta slovenski standard je istoveten z: **EN 50117-4-1:2008/A1:2013**

ICS:

33.120.10 Koaksialni kabli. Valovodi Coaxial cables. Waveguides

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EUROPEAN STANDARD

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English version

Coaxial cables - Part 4-1: Sectional specification for cables for BCT cabling in accordance with EN 50173 - Indoor drop cables for systems operating at 5 MHz - 3 000 MHz

Câbles coaxiaux -
Partie 4-1: Spécification intermédiaire pour câbles destinés au câblage BCT (Broadcast and Communication Technology) conformément à la EN 50173 -
Câbles de raccordement à usage intérieur pour systèmes fonctionnant dans la plage 5 MHz - 3 000 MHz

Koaxialkabel -
Teil 4-1: Rahmenspezifikation für Kabel für RuK-Verkabelung nach EN 50173 -
Hausinstallationskabel im Bereich von 5 MHz bis 3 000 MHz

This amendment A1 modifies the European Standard EN 50117-4-1:2008; it was approved by CENELEC on 2013-06-17. 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.

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

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Foreword

This document (EN 50117-4-1:2008/A1:2013) has been prepared by CLC/SC 46XA "Coaxial cables" of CLC/TC 46X "Communication cables".

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)	2014-06-17
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	2016-06-17

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.

This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

1 Modification to Table 2, High-frequency electrical and transmission measurements

In Table 2 row 5.1.2.2, replace:

"

5.1.2.2	Maximum attenuation	The maximum value at any frequency shall not be greater than calculated with the following formula: $a \cdot \sqrt{f} + b \cdot f + c$, (dB/100 m). $1 \leq f \leq 100$: a = 0,625, b = 0,0001, c = 0 $100 \leq f \leq 3\ 000$: a = 0,597, b = 0,026, c = 0 NOTE: *f* is in MHz

"

with:

"

5.1.2.2	Longitudinal attenuation (operational attenuation)	The maximum value at any frequency shall not be greater than calculated with the following formula: $a \cdot \sqrt{f} + b \cdot f + c$, (dB/100 m). In case of copper clad conductor material a term $d / \sqrt{f}$ should be added, to better match the curve at low frequencies. $1 \leq f \leq 100$: a = 0,625, b = 0,0001, c = 0 $100 \leq f \leq 3\ 000$: a = 0,597, b = 0,0026, c = 0 NOTE 1 *f* is in MHz. NOTE 2 The value of d can be calculated using k-factors as defined in EN 50290-2-1:2005, 6.5 and Tables 8 and 20.

"

2 Modification to 5.4, Fire performance test methods (FFS)

Replace:

"5.4 Fire performance test methods (FFS)

In accordance with CPD, related to local and/or national regulation."

with:

"5.4 Fire performance test methods

Fire performance tests shall be in accordance with EN 50117-1:2002, 5.4."