

Irish Standard I.S. EN 50117-2-5:2004

Coaxial cables -- Part 2-5: Sectional specification for cables used in cabled distribution networks - Outdoor drop cables for systems operating at 5 MHz - 3 000 MHz

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EUROPEAN STANDARD

EN 50117-2-5/A2

NORME EUROPÉENNE EUROPÄISCHE NORM

August 2013

ICS 33.120.10

English version

Coaxial cables Part 2-5: Sectional specification for cables used in cabled distribution networks Outdoor drop cables for systems operating at 5 MHz -

Outdoor drop cables for systems operating at 5 MHz - 3 000 MHz

Câbles coaxiaux Partie 2-5: Spécification intermédiaire
pour câbles utilisés dans les réseaux de
distribution par câbles Câbles de raccordement à usage
extérieur pour les systèmes fonctionnant à
5 MHz 3 000 MHz

Koaxialkabel -Teil 2-5: Rahmenspezifikation für Kabel für Kabelverteilanlagen -Außenkabel im Bereich von 5 MHz -3 000 MHz

This amendment A2 modifies the European Standard EN 50117-2-5:2004; it was approved by CENELEC on 2013-07-01. 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.

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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 50117-2-5:2004/A2:2013 (E)

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EN 50117-2-5:2004/A2:2013 (E)

Foreword

This document (EN 50117-2-5:2004/A2:2013) 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 (dop) 2014-07-01 national level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with (dow) 2016-07-01 this document have to be withdrawn

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).

EUROPEAN STANDARD

EN 50117-2-5/A1

NORME EUROPÉENNE EUROPÄISCHE NORM

February 2008

ICS 33.120.10

English version

Coaxial cables Part 2-5: Sectional specification for cables used in cabled distribution networks Outdoor drop cables for systems operating at 5 MHz - 3 000 MHz

Câbles coaxiaux Partie 2-5: Spécification intermédiaire
pour câbles utilisés dans les réseaux
de distribution par câbles Câbles de raccordement à usage
extérieur pour les systèmes
fonctionnant à 5 MHz - 3 000 MHz

Koaxialkabel -Teil 2-5: Rahmenspezifikation für Kabel für Kabelverteilanlagen -Aussenkabel im Bereich von 5 MHz - 3 000 MHz

This amendment A1 modifies the European Standard EN 50117-2-5:2004; it was approved by CENELEC on 2007-12-01. 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.

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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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Foreword

This amendment to the European Standard EN 50117-2-5:2004 was prepared by SC 46XA, Coaxial cables, of Technical Committee CENELEC TC 46X, Communication cables.

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EUROPEAN STANDARD

EN 50117-2-5

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2004

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English version

Coaxial cables Part 2-5: Sectional specification for cables used in cabled distribution networks – Outdoor drop cables for systems operating at 5 MHz - 3 000 MHz

Câbles coaxiaux
Partie 2-5: Spécification intermédiaire
pour les câbles utilisés dans les réseaux
de distribution câblés —
Câbles de raccordement
à usage extérieur pour des systèmes
fonctionnant à 5 MHz - 3 000 MHz

Koaxialkabel
Teil 2-5: Rahmenspezifikation für Kabel
für Kabelverteilanlagen –
Aussenkabel im Bereich
von 5 MHz - 3 000 MHz

This European Standard was approved by CENELEC on 2004-09-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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

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

EN 50117-2-5:2004

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Foreword

This European Standard was prepared by SC 46XA, Coaxial cables, of Technical Committee CENELEC TC 46X, Communication cables.

The text of the draft was submitted to the formal vote and was approved by CENELEC as EN 50117-2-5 on 2004-09-01.

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1 Scope

This European Standard relates to EN 50117-1 and should be read in conjunction with this generic specification. This specification applies to outdoor drop cables for use in cabled distribution systems operating at temperature between -40 °C and +70 °C ¹⁾ and at frequencies between 5 MHz and 3 000 MHz and complying with the requirements of EN 50083.

The purpose of this European Standard is to specify the applicable test methods and requirements for the electrical, mechanical, environmental and fire performance of the cables.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 50083 series	Cable networks for television signals, sound signals and interactive services
EN 50117-1	Coaxial cables – Part 1: Generic specification
EN 50289-1-6	Communication cables – Specifications for test methods – Part 1-6: Electrical test methods – Electromagnetic performance
EN 50289-3-9	Communication cables – Specifications for test methods – Part 3-9: Mechanical test methods – Bending tests
EN 50290-1-2 ²⁾	Communication cables – Part 1-2: Definitions
EN 50290-2-23	Communication cables – Part 2-23: Common design rules and construction – PE insulation
EN 50290-2-24	Communication cables – Part 2-24: Common design rules and construction – PE sheathing
EN 50290-2-25	Communication cables – Part 2-25: Common design rules and construction – Polypropylene insulation compounds
EN 50290-2-27	Communication cables – Part 2-27: Common design rules and construction – Halogen free flame retardant thermoplastic sheathing compounds
EN 50290-4-1	Communication cables – Part 4-1: General considerations for the use of cables – Environmental conditions and safety aspects
EN 62153-1-1	Metallic telecommunication cable test methods – Part 1-1: Electrical – Measurement of the pulse/step return loss in the frequency domain using the Inverse Discrete Fourier Transformation (IDFT) (IEC 62153-1-1)
IEC 61196-1-115 ²⁾	Coaxial communication cables – Part 1-115: Electrical test methods – Test for pulse return loss (regularity of impedance)

3 Definitions

For the purposes of this European Standard, the definitions of EN 50290-1-2 and EN 50117-1 apply.

¹⁾ This value is valid for applications without ampacity only.

²⁾ At draft stage.



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