

Koaksiaalkaablid. Osa 2-2: Kaabeljaotusvõrkudes kasutatavate kaablite liigitus. Välispaigaldiste rippkaablid sagedusel 5 MHz kuni 1000 MHz talitlevatele süsteemidele

Coaxial cables - Part 2-2: Sectional specification for cables used in cabled distribution networks - Outdoor drop cables for systems operating at 5 MHz - 1 000 MHz

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 50117-2-2:2004 sisaldab Euroopa standardi EN 50117-2-2:2004 ingliskeelset teksti.

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This Estonian standard EVS-EN 50117-2-2:2004 consists of the English text of the European standard EN 50117-2-2:2004.

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English version

Coaxial cables
Part 2-2: Sectional specification for cables
used in cabled distribution networks –
Outdoor drop cables for systems operating at 5 MHz - 1 000 MHz

Câbles coaxiaux
Partie 2-2 : 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 - 1 000 MHz

Koaxialkabel
Teil 2-2: Rahmenspezifikation für Kabel
für Kabelverteilanlagen –
Aussenkabel im Bereich
von 5 MHz - 1 000 MHz

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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 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 50117-2-2 on 2004-09-01.

The following dates were fixed:

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| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2005-09-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2007-09-01 |
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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 $-40\text{ }^{\circ}\text{C}$ and $+70\text{ }^{\circ}\text{C}$ ¹⁾ and at frequencies between 5 MHz and 1 000 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.