

Communication cables - Specifications for test methods - Part 1-6: Electrical test methods - Electromagnetic performance

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Electromagnetic performance

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 50289-1-6:2003 sisaldab Euroopa standardi EN 50289-1-6:2002 ingliskeelset teksti. Käesolev dokument on jõustatud 15.01.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 50289-1-6:2003 consists of the English text of the European standard EN 50289-1-6:2002. This document is endorsed on 15.01.2003 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala: This Part 1-6 of EN 50289 gives four different test methods for determining the electromagnetic performance characteristics of cables used in analogue and digital communication systems. The four methods are detailed in the normative annexes A to D. This part is to be read in conjunction with Part 1-1 of EN 50289, which contains essential provisions for its application.	Scope: This Part 1-6 of EN 50289 gives four different test methods for determining the electromagnetic performance characteristics of cables used in analogue and digital communication systems. The four methods are detailed in the normative annexes A to D. This part is to be read in conjunction with Part 1-1 of EN 50289, which contains essential provisions for its application.
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**Communication cables -
Specifications for test methods
Part 1-6: Electrical test methods -
Electromagnetic performance**

Câbles de communication -
Spécifications des méthodes d'essai
Partie 1-6: Méthodes d'essais électriques -
Performance électromagnétique

Grundnorm für Kommunikationskabel -
Spezifikationen für Prüfverfahren
Teil 1-6: Elektrische Prüfverfahren -
Elektromagnetisches Verhalten

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CENELEC

European Committee for Electrotechnical Standardization
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Foreword

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The following dates were fixed:

- latest date by which the EN has to be implemented
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1 Scope

This EN 50289-1-6 details four different test methods to determine the electromagnetic performance characteristics of cables used in analogue and digital communication systems. The four methods are detailed in clauses 6 to 9.

This document discusses test methods aiming to facilitate a selection of the applicable electromagnetic test method.

It is to be read in conjunction with Part 1-1 of EN 50289, which contains essential provisions for its application.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 50289-1-1	2001	Communication cables - Specifications for tests methods - Part 1-1: Electrical test methods - General requirements
EN 50289-1-9	2001	Communication cables - Specifications for tests methods - Part 1-9: Electrical test methods - Unbalance attenuation (longitudinal conversion loss, longitudinal conversion transfer loss)
EN 50290-1-2	¹⁾	Communication cables - Part 1-2: Definitions
IEC 61196-1	1995	Radio-frequency cables Part 1: Generic specification - General, definitions, requirements and test methods
CISPR 16-1 + A1	1993 1997	Specification for radio disturbance and immunity measuring apparatus and methods Part 1: Radio disturbance and immunity measuring apparatus
ITU-T Recommendation O.9	1988	Series O - Specifications of measuring equipment - General - O.9: Measuring arrangements to assess the degree of unbalance about earth
ITU-T Recommendation G.117	1996	Series G - Transmission systems and media, digital systems and networks - International telephone connections and circuits - General recommendations on the transmission

3 Definitions

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

¹⁾ At draft stage.