

**Communication cables - Specifications
for test methods Part 1-14: Electrical
test methods - Coupling attenuation or
screening attenuation of connecting
hardware**

Communication cables - Specifications for test
methods Part 1-14: Electrical test methods -
Coupling attenuation or screening attenuation of
connecting hardware

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 50289-1-14:2004 sisaldab Euroopa standardi EN 50289-1-14:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 25.05.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 50289-1-14:2004 consists of the English text of the European standard EN 50289-1-14:2004.</p> <p>This document is endorsed on 25.05.2004 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This Part 1-14 of EN 50289 details the method of test to determine the coupling attenuation or screening attenuation for connecting hardware used in analogue and digital communication systems. The test method details means to test one part of a connecting hardware (e. g. wall outlet or plug alone) as well as testing a mated pair of connecting hardware. It is to be read in conjunction with EN 50289-1-6.</p>	<p>Scope:</p> <p>This Part 1-14 of EN 50289 details the method of test to determine the coupling attenuation or screening attenuation for connecting hardware used in analogue and digital communication systems. The test method details means to test one part of a connecting hardware (e. g. wall outlet or plug alone) as well as testing a mated pair of connecting hardware. It is to be read in conjunction with EN 50289-1-6.</p>
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English version

**Communication cables –
Specifications for test methods
Part 1-14: Electrical test methods –
Coupling attenuation or screening attenuation
of connecting hardware**

Câbles de communication –
Spécifications des méthodes d'essai
Partie 1-14: Méthodes d'essais électriques –
Affaiblissement de couplage ou
affaiblissement de blindage du
matériel de connexion

Kommunikationskabel –
Spezifikationen für Prüfverfahren
Teil 1-14: Elektrische Prüfverfahren -
Kopplungsdämpfung oder
Schirmdämpfung für Verbindungstechnik

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat 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

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

Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 46X, Communication cables.

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The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
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 - latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2007-02-01
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Contents

1	Scope	4
2	Normative references	4
3	Definitions	4
4	Test method	4
4.1	Equipment	4
4.1.1	General	4
4.1.2	Balun requirements	5
4.1.3	Test head and extension cable requirements	6
4.1.3.1	General requirements	6
4.1.3.2	Testing of one part of connecting hardware	6
4.1.3.3	Testing of a mated pair of connecting hardware	7
4.2	Test sample	7
4.2.1	Length of the extension cables	7
4.2.2	Tested length	7
4.2.3	Preparation of extension cable and test head	7
4.2.4.1	Balanced connecting hardware	8
4.2.4.2	Multi-conductor connecting hardware	8
4.2.4.3	Coaxial connecting hardware	8
4.3	Calibration procedure	8
4.4	Test set-up	8
4.4.1	General	8
4.4.2	Test set-up verification	9
4.4.2.1	Determination of measurement sensitivity of the set-up	9
4.4.2.2	Verification of test set-up calibration	10
4.4.2.3	Pulling force on connecting hardware	10
4.5	Measuring procedure	10
5	Expression of test results	10
6	Test report	10
6.1	General	10
6.2	Evaluation of test results (informative)	10
	Figure 1 - Measurement of surface wave at near end of connecting hardware	5
	Figure 2 - Termination of extension cables	8
	Figure 3 - Test set-up for a near end measurement of connecting hardware	9
	Figure 4 - Test set-up for a near end measurement of connecting hardware	9
	Figure 5 - Typical measurement of screened connecting hardware	11
	Figure 6 - Typical measurement of an unscreened balanced connecting hardware	11
	Figure 7 - Typical measurement of a screened balanced connecting hardware	12
	Table 1 - Balun performance characteristics (30 MHz to 1 GHz)	6

1 Scope

This Part 1-14 of EN 50289 details the method of test to determine the coupling attenuation or screening attenuation for connecting hardware used in analogue and digital communication systems. The test method details means to test one part of a connecting hardware (e. g. wall outlet or plug alone) as well as testing a mated pair of connecting hardware. It is to be read in conjunction with EN 50289-1-6.

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 50289-1-6 Communication cables – Specification for test methods – Part 1-6: Electrical test methods – Electromagnetic performance

EN 50290-1-2 ¹⁾ Communication cables – Part 1-2: Definitions

3 Definitions

For the purposes of this European Standard, the definitions of EN 50290-1-2 and EN 50289-1-6 apply.

In this document connecting hardware is defined as a complete connecting device including compensating or matching networks (if any), connectors and cable terminations.

4 Test method

4.1 Equipment

4.1.1 General

See EN 50289-1-6, subclause 9.2.1.1 and Figure 1 below.

The connecting hardware under test shall be terminated using the termination method and a cable type for which it is constructed. If only one part of the connecting hardware is under test, a test head shall be used to mate the part under test.

¹⁾ Under consideration.