



IEC 62153-4-11

Edition 1.0 2009-08

INTERNATIONAL STANDARD



**Metallic communication cable test methods –
Part 4-11: Electromagnetic compatibility (EMC) – Coupling attenuation or
screening attenuation of patch cords, coaxial cable assemblies,
pre-connectorized cables – Absorbing clamp method**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

PRICE CODE

N

ICS 33.100; 33.120.10

ISBN 2-8318-1055-9

CONTENTS

FOREWORD.....	3
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	5
4 Test method	5
4.1 Equipment	5
4.1.1 General	5
4.1.2 Balun requirements.....	6
4.1.3 Test head and extension cable requirements.....	7
4.1.4 Impedance matching.....	8
4.2 Test sample.....	8
4.2.1 Length of the patch cords under test	8
4.2.2 Length of extension cables connected to patch cord under test	8
4.2.3 Tested length.....	8
4.2.4 Preparation of extension cable and test head	8
4.3 Calibration procedure	9
4.4 Test set-up	9
4.4.1 General	9
4.4.2 Test set-up verification.....	11
4.5 Measuring procedure	12
5 Expression of test results.....	12
6 Test report.....	12
6.1 General	12
6.2 Evaluation of test results.....	13
Figure 1 – Measurement of surface wave at near end of patch cord	6
Figure 2 – Termination of extension cables.....	9
Figure 3 – Test set-up for a near end measurement of a double-ended patch cord	10
Figure 4 – Test set-up for a near end measurement of a single-ended patch cord	10
Figure 5 – Test set-up for a near end measurement of a double-ended patch cord	11
Figure 6 – Validation test set-up	12
Figure 7 – Typical measurement of an unscreened balanced patch cord	14
Figure 8 – Typical measurement of a screened balanced patch cord.....	14
Table 1 – Balun performance characteristics (30 MHz to 1 GHz).....	7

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METALLIC COMMUNICATION CABLE TEST METHODS –

**Part 4-11: Electromagnetic compatibility (EMC) –
Coupling attenuation or screening attenuation of patch cords,
coaxial cable assemblies, pre-connectorized cables –
Absorbing clamp method**

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International Standard IEC 62153-4-11 has been prepared by IEC technical committee 46: Cables, wires, waveguides, R.F. connectors, R.F. and microwave passive components and accessories.

The text of this standard is based on the following documents:

CDV	Report on voting
46/311/CDV	46/327/RVC

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication is to be read in conjunction with IEC 62153-4-5 (2006).

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 62153 series, under the general title: *Metallic communication cable test methods*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version may be issued at a later date.

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METALLIC COMMUNICATION CABLE TEST METHODS –

Part 4-11: Electromagnetic compatibility (EMC) – Coupling attenuation or screening attenuation of patch cords, coaxial cable assemblies, pre-connectorized cables – Absorbing clamp method

1 Scope

This part of IEC 62153 details the method of test to determine the coupling attenuation and screening attenuation for patch cords, coaxial cable assemblies and pre-connectorized cables used in analogue and digital communication systems.

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.

IEC 60050-726, *International Electrotechnical Vocabulary – Chapter 726: Transmission lines and waveguides*

IEC 61196-1, *Coaxial communication cables – Part 1: Generic specification – General, definitions and requirements*

IEC 62153-4-5:2006, *Metallic communication cables test methods – Part 4-5: Electromagnetic compatibility (EMC) – Coupling or screening attenuation – Absorbing clamp method*

ITU-T Recommendation G.117:1996, *Transmission aspects of unbalance about earth*

ITU-T Recommendation O.9:1999, *Measuring arrangements to assess the degree of unbalance about earth*