



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 62153-4-2:2004**

ICS 33.100  
33.120.10

**METALLIC COMMUNICATION CABLES TEST**

**METHODS**

**PART 4-2: ELECTROMAGNETIC**

**COMPATIBILITY (EMC) - SCREENING AND**

**COUPLING ATTENUATION - INJECTION**

**CLAMP METHOD**

**(IEC 62153-4-2:2003)**

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EUROPEAN STANDARD

**EN 62153-4-2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2004

ICS 33.100;33.120.10

English version

**Metallic communication cables test methods  
Part 4-2: Electromagnetic compatibility (EMC) –  
Screening and coupling attenuation –  
Injection clamp method  
(IEC 62153-4-2:2003)**

Méthodes d'essai des câbles métalliques  
de communication  
Partie 4-2: Compatibilité  
électromagnétique (CEM) -  
Affaiblissement d'écran et de couplage -  
Méthode de la pince à injection  
(CEI 62153-4-2:2003)

Prüfverfahren für metallische  
Kommunikationskabel  
Teil 4-2: Elektromagnetische  
Verträglichkeit (EMV) –  
Schirm- und Kopplungsdämpfung -  
Verfahren mit gespeister Zange  
(IEC 62153-4-2:2003)

This European Standard was approved by CENELEC on 2003-12-01. 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.

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.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

**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

The text of document 46A/560/FDIS, future edition 1 of IEC 62153-4-2, prepared by SC 46A, Coaxial cables, of IEC TC 46, Cables, wires, waveguides, r.f. connectors, r.f. and microwave passive components and accessories, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62153-4-2 on 2003-12-01.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2004-09-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2006-12-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 62153-4-2:2003 was approved by CENELEC as a European Standard without any modification.

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

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.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61000-4-6	- 1)	Electromagnetic compatibility (EMC) Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio- frequency fields	-	-
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	-	-

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1) Undated reference.

**NORME  
INTERNATIONALE  
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Numéro de référence  
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