



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61000-4-12:2006

ICS 33.100.20

**ELECTROMAGNETIC COMPATIBILITY
(EMC) -- PART 4-12: TESTING AND
MEASUREMENT TECHNIQUES - RING
WAVE IMMUNITY TEST (IEC
61000-4-12:2006 (EQV))**

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Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61000-4-12

December 2006

ICS 33.100.20

Supersedes EN 61000-4-12:1995 + A1:2001

English version

Electromagnetic compatibility (EMC)
Part 4-12: Testing and measurement techniques -
Ring wave immunity test
(IEC 61000-4-12:2006)

Compatibilité électromagnétique (CEM)
Partie 4-12: Techniques d'essai
et de mesure -
Essai d'immunité à l'onde
sinusoïdale amortie
(CEI 61000-4-12:2006)

Elektromagnetische Verträglichkeit (EMV)
Teil 4-12: Prüf- und Messverfahren -
Störfestigkeit gegen gedämpfte
Sinusschwingungen (Ringwave)
(IEC 61000-4-12:2006)

This European Standard was approved by CENELEC on 2006-11-01. 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, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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 77B/509/FDIS, future edition 2 of IEC 61000-4-12, prepared by SC 77B, High frequency phenomena, of IEC TC 77, Electromagnetic compatibility, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61000-4-12 on 2006-11-01.

This European Standard supersedes EN 61000-4-12:1995 + A1:2001.

It constitutes a technical revision of the characteristics and performance of the test equipment. It only addresses the ring wave immunity test.

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) 2007-08-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2009-11-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61000-4-12:2006 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

- | | | |
|---------------|------|---|
| IEC 60068-1 | NOTE | Harmonized as EN 60068-1:1994 (not modified). |
| IEC 61000-4-5 | NOTE | Harmonized as EN 61000-4-5:2006 (not modified). |
| IEC 61010-1 | NOTE | Harmonized as EN 61010-1:2001 (not modified). |

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 60050-161	- ¹⁾	International Electrotechnical Vocabulary (IEV) Chapter 161: Electromagnetic compatibility	-	-

¹⁾ Undated reference.

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