



**NSAI**  
Standards

Irish Standard

I.S. EN 62153-4-7:2016&AC:2016-05&A1:2018

Metallic communication cable test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance ZT and screening attenuation as or coupling attenuation ac of connectors and assemblies up to and above 3 GHz - Triaxial tube in tube method

**I.S. EN 62153-4-7:2016&AC:2016-05&A1:2018**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

EN 62153-4-7:2016/A1:2018

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

*NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.*

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Údarás um Chaighdeáin Náisiúnta na hÉireann

## National Foreword

I.S. EN 62153-4-7:2016&AC:2016-05&A1:2018 is the adopted Irish version of the European Document EN 62153-4-7:2016, Metallic communication cable test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance ZT and screening attenuation as or coupling attenuation ac of connectors and assemblies up to and above 3 GHz - Triaxial tube in tube method

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*In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 62153-4-7:2016/A1**

July 2018

ICS 33.100.10; 33.120.10

English Version

**Metallic communication cable test methods -  
Part 4-7: Electromagnetic compatibility (EMC) - Test method for  
measuring of transfer impedance  $Z_T$  and screening attenuation  
 $a_s$  or coupling attenuation  $a_c$  of connectors and assemblies up to  
and above 3 GHz - Triaxial tube in tube method  
(IEC 62153-4-7:2015/A1:2018)**

Méthodes d'essai des câbles métalliques de communication  
- Partie 4-7: Compatibilité électromagnétique (CEM) -  
Méthode d'essai pour mesurer l'impédance de transfert  $Z_T$   
et l'affaiblissement d'écrantage  $a_s$  ou l'affaiblissement de  
couplage  $a_c$  des connecteurs et des cordons jusqu'à 3 GHz  
et au-dessus - Méthode triaxiale en tubes concentriques  
(IEC 62153-4-7:2015/A1:2018)

Prüfverfahren für metallische Kommunikationskabel -  
Teil 4-7: Geschirmtes Prüfverfahren zur Messung von  
Kopplungswiderstand  $Z_T$  und von Schirm  $a_s$ - oder  
Kopplungsdämpfung  $a_c$  von HF-Steckverbindern und  
konfektionierten Kabeln bis zu und über 3 GHz - Rohr-im-  
Rohr-Verfahren  
(IEC 62153-4-7:2015/A1:2018)

This amendment A1 modifies the European Standard EN 62153-4-7:2016; it was approved by CENELEC on 2018-06-13. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 CEN-CENELEC Management Centre or to any CENELEC member.

This amendment 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 CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## **EN 62153-4-7:2016/A1:2018**

### **European foreword**

The text of document 46/679/FDIS, future IEC 62153-4-7:2015/A1, prepared by 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 approved by CENELEC as EN 62153-4-7:2016/A1:2018.

The following dates are fixed:

- latest date by which the document has to be (dop) 2019-03-13  
implemented at national level by  
publication of an identical national  
standard or by endorsement
- latest date by which the national (dow) 2021-06-13  
standards conflicting with the  
document have to be withdrawn

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

### **Endorsement notice**

The text of the International Standard IEC 62153-4-7:2015/A1:2018 was approved by CENELEC as a European Standard without any modification.

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