

Metallic cables and other passive components test methods - Part 4-16: Electromagnetic compatibility (EMC) - Extension of the frequency range to higher frequencies for transfer impedance and to lower frequencies for screening attenuation measurements using the triaxial set-up

ESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 62153-4-16:2021 sisaldb Euroopa standardi EN IEC 62153-4-16:2021 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 62153-4-16:2021 consists of the English text of the European standard EN IEC 62153-4-16:2021.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
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ICS 33.120.10

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October 2021

ICS 33.120.10

English Version

Metallic cables and other passive components test methods -
Part 4-16: Electromagnetic compatibility (EMC) - Extension of
the frequency range to higher frequencies for transfer
impedance and to lower frequencies for screening attenuation
measurements using the triaxial set-up
(IEC 62153-4-16:2021)

Méthodes d'essai des câbles métalliques et autres
composants passifs - Partie 4-16: Compatibilité
électromagnétique (CEM) - Extension de la plage de
fréquences à des fréquences supérieures pour l'impédance
de transfert et à des fréquences inférieures pour mesurer
l'affaiblissement d'écran à l'aide d'un montage triaxial
(IEC 62153-4-16:2021)

Prüfverfahren für metallische Kommunikationskabel - Teil 4-
16: Elektromagnetische Verträglichkeit (EMV) - Erweiterung
des Frequenzbereiches zu höheren Frequenzen für den
Kopplungswiderstand und zu niedrigeren Frequenzen für
die Schirmdämpfung bei Messungen mit dem
Triaxialverfahren
(IEC 62153-4-16:2021)

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European foreword

The text of document 46/817/FDIS, future edition 2 of IEC 62153-4-16, prepared by IEC/TC 46 "Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62153-4-16:2021.

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Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62153-4-3	2013	Metallic communication cable test methods- - Part 4-3: Electromagnetic compatibility (EMC) - Surface transfer impedance - Triaxial method		-
IEC 62153-4-15	-	Metallic cables and other passive components test methods - Part 4-15: Electromagnetic compatibility (EMC) - Test method for measuring transfer impedance and screening attenuation - or coupling attenuation with triaxial cell	EN IEC 62153-4-15 -	

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Metallic cables and other passive components test methods –
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fréquences à des fréquences supérieures pour l'impédance de transfert et à des
fréquences inférieures pour mesurer l'affaiblissement d'écran à l'aide d'un
montage triaxial**





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ICS 33.120.10

ISBN 978-2-8322-1010-1

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**METALLIC CABLES AND OTHER
PASSIVE COMPONENTS TEST METHODS –****Part 4-16: Electromagnetic compatibility (EMC) –
Extension of the frequency range to higher frequencies
for transfer impedance and to lower frequencies for screening
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This second edition cancels and replaces the first edition published in 2016. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- Replacement of the conversion formula which was limited to a matched DUT by a new conversion formula suitable for any load conditions.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
46/817/FDIS	46/826/RVD

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

The language used for the development of this International Standard is English.

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