

Metallic communication cables test methods —

Part 1-1: Electrical — Measurement of the pulse/step return loss in the frequency domain using the Inverse Discrete Fourier Transformation (IDFT)

The European Standard EN 62153-1-1:2004 has the status of a
British Standard

ICS 33.100; 33.120.10

National foreword

This British Standard is the official English language version of EN 62153-1-1:2004, including Corrigendum January 2006. It is identical with IEC 62153-1-1:2003. It supersedes DD IEC/PAS 62260:2001 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee EPL/46, Cables, wires, waveguides, R.F. connectors, R.F. and microwave passive components and accessories, to Subcommittee EPL/46/1, Communication cables, which has the responsibility to:

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 11 and a back cover.

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Amendments issued since publication

Amd. No.	Date	Comments
16040 Corrigendum No. 1	20 January 2006	Addition of supersession details

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 19 February 2004

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ISBN 0 580 43398 6

**Metallic communication cables test methods
Part 1-1: Electrical –
Measurement of the pulse/step return loss in the frequency domain
using the Inverse Discrete Fourier Transformation (IDFT)
(IEC 62153-1-1:2003)**

Méthodes d'essai des câbles métalliques
de communication
Partie 1-1: Electrique –
Mesure de la perte par réflexions
à une impulsion/échelon dans le domaine
fréquentiel en utilisant la Transformée
Inverse de Fourier Discrète (TIFD)
(CEI 62153-1-1:2003)

Prüfverfahren für metallische
Kommunikationskabel
Teil 1-1: Impuls-/Sprungreflexion aus
der Messung im Frequenzbereich über
inverse diskrete Fouriertransformation
(IDFT)
(IEC 62153-1-1:2003)

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CENELEC

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

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Foreword

The text of document 46A/559/FDIS, future edition 1 of IEC 62153-1-1, 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 62153-1-1 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.

Endorsement notice

The text of the International Standard IEC 62153-1-1:2003 was approved by CENELEC as a European Standard without any modification.

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