

Final draft **ETSI EN 302 684-1** V1.0.0 (2010-03)

Harmonized European Standard (Telecommunications series)

**Electromagnetic compatibility and
Radio spectrum Matters (ERM);
EMC network standards;
Part 1: Wire-line telecommunications networks
using telephone wires**

[Endorsed CENELEC pr50529-1: 2008]

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Foreword

This Harmonized European Standard (Telecommunications series) has been produced by ETSI Technical Committee Electromagnetic compatibility and Radio spectrum Matters (ERM), and is now submitted for the Vote phase of the ETSI standards Two-step Approval Procedure.

The present document has been produced by ETSI in response to a mandate from the European Commission issued under Council Directive 98/34/EC [i.2] (as amended) laying down a procedure for the provision of information in the field of technical standards and regulations.

The present document is intended to become a Harmonized Standard, the reference of which will be published in the Official Journal of the European Communities referencing the Directive 1999/5/EC [i.3] of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity ("the R&TTE Directive").

The present document is intended to become a Harmonized Standard, the reference of which will be published in the Official Journal of the European Communities referencing the Council Directive on the approximation of the laws of the Member States relating to electromagnetic compatibility ("the EMC Directive") (2004/108/EC as amended [i.4]) and Directive 1999/5/EC [i.3] of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity ("the R&TTE Directive").

The present document is part 1 of a multi-part deliverable covering the EMC network standards, as identified below:

- Part 1: "Wire-line telecommunications networks using telephone wires";**
- Part 2: "Wire-line telecommunications networks using coaxial cables";
- Part 3: "Wire-line telecommunications networks using power lines".

Proposed national transposition dates	
Date of latest announcement of this EN (doa):	3 months after ETSI publication
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	6 months after doa
Date of withdrawal of any conflicting National Standard (dow):	18 months after doa

Introduction

The present document has been prepared by the CENELEC/ETSI JWG on EMC of Conducted Transmission Networks and it is intended to become one of the main deliverable under EC Mandate M/313 [i.1].

Endorsement notice

The entire unchanged endorsed document is contained in a Zip Document Format™ file (JWGEMC_21828_vot1E.zip) contained in archive en_30268401v010000v0.zip) which accompanies the present document.

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1 Scope

The present document refers to EMC requirements for wire-line telecommunications networks using telephone wires.

An informative annex on good EMC engineering practice for this network type is contained in a Zip Document Format™ file (JWGEMC_21828_vot1E.zip) contained in archive en_30268401v010000v0.zip) which accompanies the present document.

2 References

References are either specific (identified by date of publication and/or edition number or version number) or non-specific.

- For a specific reference, subsequent revisions do not apply.
- Non-specific reference may be made only to a complete document or a part thereof and only in the following cases:
 - if it is accepted that it will be possible to use all future changes of the referenced document for the purposes of the referring document;
 - for informative references.

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NOTE: While any hyperlinks included in this clause were valid at the time of publication ETSI cannot guarantee their long term validity.

2.1 Normative references

The following referenced documents are indispensable for the application of the present document. For dated references, only the edition cited applies. For non-specific references, the latest edition of the referenced document (including any amendments) applies.

Not applicable.

2.2 Informative references

The following referenced documents are not essential to the use of the present document but they assist the user with regard to a particular subject area. For non-specific references, the latest version of the referenced document (including any amendments) applies.

- [i.1] EC Mandate M/313: "Standardisation mandate addressed to CEN, CENELEC and ETSI concerning electromagnetic compatibility (EMC) - Telecommunications network".

NOTE: http://www.etsi.org/WebSite/document/aboutETSI/EC_Mandates/M313.pdf.

- [i.2] Directive 98/34/EC of the European Parliament and of the Council of 22 June 1998 laying down a procedure for the provision of information in the field of technical standards and regulations.
- [i.3] Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.
- [i.4] Directive 2004/108/EC of the European Parliament and of the Council of 15 December 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility and repealing Directive 89/336/EEC.

Annex A (informative): The EN title in the official languages

The enlargement of the European Union (EU) resulted in a requirement from the EU for a larger number of languages for the translation of the titles of Harmonized Standards and mandated ENs that are to be listed in the Official Journal to support the implementation of this legislation.

For this reason the title translation concerning the present document can be consulted via the [e-approval](#) application.

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History

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