

**Electromagnetic compatibility and  
Radio spectrum Matters (ERM);  
EMC network standards;  
Part 3: Wire-line telecommunications networks  
using power lines**

[Endorsed CENELEC pr50521-3: 2008]

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## Reference

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## Foreword

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

The present document is part 3 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".**

<b>Proposed national transposition dates</b>	
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):	6 months after doa

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## Introduction

The present documents 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].

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## Endorsement notice

The entire unchanged endorsed document is contained in an Adobe Portable Document Format™ file (JWG\_Part\_3r1.doc) contained in archive en\_30268403v010000c0.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 power lines.

An informative annex on good EMC engineering practice for this network type is contained in an Adobe Portable Document Format™ file (JWG\_Part\_3r1.doc) contained in archive en\_30268403v010000c0.zip) which accompanies the present document.

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

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## 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](http://www.etsi.org/Website/document/aboutETSI/EC_Mandates/M313.pdf).

## History

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V1.0.0	February 2009	Public Enquiry	PE 20090625: 2008-02-25 to 2009-06-25

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