



SLOVENSKI STANDARD

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Opomba: Ta slovenski standard je istoveten z: EN 300 119-2 E1:2006

Equipment Engineering (EE); European telecommunication standard for equipment practice; Part 2: Engineering requirements for racks and cabinets

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Equipment Engineering (EE) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This ETS is part 2 of a 4 part ETS, aimed at setting out on a common basis, the installation engineering requirements for telecommunication practice, housing equipment forming part of a public telecommunications network. Part 1 is a general introduction, and explains the terminology used. This part, Part 2, specifies the engineering requirements for racks and cabinets and Part 3 the engineering requirements for miscellaneous racks and cabinets. Part 4 covers engineering requirements for subracks in miscellaneous racks and cabinets.

This ETS applies to all telecommunication equipment forming part of public telecommunications network. The requirements for racks which this part lays down are based on the work of IEC Sub Committee 48D (see Annex B).

Illustrative figures are contained in Annex A.

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1 Scope

This part of European Telecommunication Standard (ETS) 300 119 details requirements for racks/cabinets which are supplied fully equipped. The racks/cabinets shall be used for housing telecommunication equipment forming part of a public telecommunication network installed either on the public telecommunication operators' sites, or in the premises of operator's customers.

Part 1 of this ETS (ETS 300 119-1 [3]) defines the meaning of rack or cabinet in the context of this ETS.

2 Normative references

This ETS incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] CEN/CENELEC EN 60 950 (1988): "Safety of information technology equipment, including electrical business equipment".
- [2] Council Directive 89/336/EEC: "Approximation of the laws of the Member States relating to electromagnetic compatibility".
- [3] ETS 300 119-1: "Equipment Engineering (EE); European telecommunication standard for equipment practice Part 1: Introduction and terminology".
- [4] ETS 300 119-3: "Equipment Engineering (EE); European telecommunication standard for equipment practice Part 3: Engineering requirements for miscellaneous racks and cabinets".
- [5] ETS 300 119-4: "Equipment Engineering (EE); European telecommunication standard for equipment practice Part 4: Engineering requirements for subracks in miscellaneous racks/cabinets".
- [6] ETS 300 019: "Equipment Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment".

3 Coordination dimensions for racks/cabinets

3.1 Height

The height dimension (H) includes covers, feet or castors if these are an integral part of the rack/cabinet structure.

For telecommunication centres, H shall be 2 200 mm.

For customer sites, H may be at any preferred height, as defined in IEC Publication 917-2 (see Annex B), up to 2 200 mm. Provision shall be made for the possible fitment of height adaptors (for interfacing with overhead structures) as illustrated in Annex A, figure A.1.

The racks/cabinets shall also be provided with devices which can be height-adjusted to compensate for any unevenness in the floor. The scope for height adjustment shall be at least 25 mm. The nominal rack/cabinet height shall be measured when the adjustment devices are at their fully retracted positions.