



SLOVENSKI STANDARD

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Equipment Engineering (EE); European telecommunication standard for equipment practice; Part 3: Engineering requirements for miscellaneous racks and cabinets

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ICS:

33.050.01	Telekomunikacijska terminalska oprema na splošno	Telecommunication terminal equipment in general
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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 3 of a 4 part ETS aimed at setting out, on a common basis, the installation engineering requirements for telecommunication practice, for housing equipment forming part of a public telecommunications network.

Part 1 is a general introduction, and explains the terminology used, Part 2 specifies the engineering requirements for racks and cabinets. This part, Part 3, specifies 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 the public telecommunications network. The requirements for miscellaneous racks and cabinets 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 miscellaneous racks and cabinets supplied unequipped. The miscellaneous 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. The miscellaneous racks/cabinets shall be able to accommodate various equipments, e.g. subracks (see ETS 300 119-4 [3]) and shall have provision for doors or covers.

Part 1 of this ETS (ETS 300 119-1 [1]) 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] ETS 300 119-1: "Equipment Engineering (EE); European telecommunication standard for equipment practice Part 1: Introduction and terminology".
- [2] ETS 300 119-2: "Equipment Engineering (EE); European telecommunication standard for equipment practice Part 2: Engineering requirements for racks and cabinets".
- [3] ETS 300 119-4: "Equipment Engineering (EE); European telecommunication standard for equipment practice Part 4: Engineering requirements for subracks in miscellaneous racks and cabinets".

3 Dimensions for miscellaneous racks/cabinets

3.1 Height

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

For telecommunication centres and customer sites, H shall be 2 200 mm.

The miscellaneous rack/cabinet shall have provision within its height for the attachment of parts for interfacing to any overhead structure.

The miscellaneous 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 miscellaneous rack/cabinet height shall be measured when the adjustment devices are at their fully retracted positions.

3.2 Width

The width dimension (W) includes covers if they are an integral part of the miscellaneous rack/cabinet.

W shall be 600 mm.

The sides of any miscellaneous rack/cabinet shall not interfere with the assembly of adjacent racks/cabinets (into a straight line-up). The suppliers shall ensure that the miscellaneous rack/cabinet will fit into the space between the grid lines, as illustrated in Annex A, figure A.1. Manufacturing tolerances shall therefore be so arranged that this objective will always be achieved, even when miscellaneous racks/cabinets are delivered from different suppliers.