



CSA C22.2 No. 80:16
National Standard of Canada
(reaffirmed 2021)



Underfloor raceways and fittings



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REVISED MARCH 2021

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Underfloor raceways and fittings



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Preface

- Δ This is the second edition of CSA C22.2 No. 80, *Underfloor raceways and fittings*, one of a series of Standards issued by CSA Group under Part II of the *Canadian Electrical Code*. This edition supersedes the previous edition published in 1978.

For general information on the Standards of the *Canadian Electrical Code, Part II*, see the Preface of CAN/CSA-C22.2 No. 0, *General requirements — Canadian Electrical Code, Part II*.

This edition does not introduce significant technical changes. It represents an update of the standards references and conversion from imperial to metric units.

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard. This Standard was prepared by the Subcommittee on ICCM06 — Specialized Wiring Systems, under the jurisdiction of the Technical Committee on Wiring Products and the Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the Technical Committee.

Interpretations: The Strategic Steering Committee on Requirements for Electrical Safety has provided the following direction for the interpretation of standards under its jurisdiction: “The literal text shall be used in judging compliance of products with the safety requirements of this Standard. When the literal text cannot be applied to the product, such as for new materials or construction, and when a relevant committee interpretation has not already been published, CSA Group’s procedures for interpretation shall be followed to determine the intended safety principle.”

This Standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

Notes:

- 1) *Use of the singular does not exclude the plural, and vice versa) when the sense allows.*
- 2) *Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.*
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 - b) *provide an explanation of circumstances surrounding the actual field condition; and*
 - c) *where possible, phrase the request in such a way that a specific “yes” or “no” answer will address the issue.*

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 - a) *Standard designation (number);*
 - b) *relevant clause, table, and/or figure number;*
 - c) *wording of the proposed change; and*
 - d) *rationale for the change.*

CSA C22.2 No. 80:16

Underfloor raceways and fittings

1 Scope

1.1

This Standard applies to underfloor raceways intended to be installed within the concrete slab, or other flooring material, in accordance with the Rules of the *Canadian Electrical Code, Part I*.

1.2

This Standard does not include requirements for the structural aspects nor for the effect on the fire resistance rating of the floor in which the system is installed.

1.3

This Standard does not apply to cellular metal and cellular concrete floor raceways covered by CSA C22.2 No. 79.

1.4

This Standard does not apply to raceways installed on the underside of the slab, which are considered wireways covered by CSA C22.2 No. 26.

1.5

In this Standard, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the standard; “should” is used to express a recommendation or that which is advised but not required; and “may” is used to express an option or that which is permissible within the limits of the Standard.

Notes accompanying clauses do not include requirements or alternative requirements; the purpose of a note accompanying a clause is to separate from the text explanatory or informative material.

Notes to tables and figures are considered part of the table or figure and may be written as requirements.

Annexes are designated normative (mandatory) or informative (non-mandatory) to define their application.

2 Reference publications

This standard refers to the following publications, and where such reference is made, it shall be to the edition listed below.

CSA Group

C22.1-15

Canadian Electrical Code, Part I