

<b>STN P</b>	<b>Elektromagnetické vlastnosti systému pozdĺžneho uloženia káblov (CMS)</b>	<b>STN P CLC/TS 50659</b>  37 0020
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Electromagnetic characteristics of linear cable management systems (CMS)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/23

Obsahuje: CLC/TS 50659:2022

Oznámením tejto normy sa ruší  
TNI CLC/TR 50659 (37 0020) z augusta 2017

**136464**



TECHNICAL SPECIFICATION  
SPÉCIFICATION TECHNIQUE  
TECHNISCHE SPEZIFIKATION

**CLC/TS 50659**

December 2022

ICS 29.120.10

Supersedes CLC/TR 50659:2017

English Version

**Electromagnetic characteristics of linear cable management  
systems (CMS)**

Caractéristiques électromagnétiques des systèmes  
linéaires de câblage

Elektromagnetische Eigenschaften von linearen  
Kabelführungssystemen

This Technical Specification was approved by CENELEC on 2022-11-21.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**CLC/TS 50659:2022 (E)**

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## **European foreword**

This document (CLC/TS 50659:2022) has been prepared by CLC/TC 213, “Cable management systems”.

This document supersedes CLC/TR 50659:2017.

This is a European Technical Specification for cable management products used for electro-technical purposes. It relates to the Council Directives on the approximation of laws, regulations and administrative provisions of the Member States relating to Low Voltage Directive 2014/35/EU through consideration of the essential requirements of this Directive.

This document is supported by separate standards to which references are made.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

## CLC/TS 50659:2022 (E)

### 1 Scope

This document provides test methods for the measurement of the following electromagnetic characteristics of lengthwise cable management systems like conduit systems according to the EN 61386 series, cable trunking systems and cable ducting systems (CTS/CDS) according to the EN 50085 series and cable tray and cable ladder systems according to EN 61537:

- shielding effectiveness of magnetic field,
- transfer impedance.

This document also provides guidance on how these characteristics can be declared and may be used.

Powertrack systems covered by the EN 61534 series are not covered by this edition of the document and can be considered in a new edition.

### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 61000-4-5, *Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test (IEC 61000-4-5)*

EN 61000-5-7, *Electromagnetic compatibility (EMC) - Part 5-7: Installation and mitigation guidelines - Degrees of protection by enclosures against electromagnetic disturbances (EM code)*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**