SLOVENSKI STANDARD
oSIST prEN IEC 60794-1-218:2024

01-februar-2024

Optični kabli - 1-218. del: Splošna specifikacija - Osnovni preskusni postopki za optične kable - Okoljske preskusne metode - Preskušanje izpostavljenih optičnih enot s kroženjem temperature v srednjem razponu, metoda f18

Optical fibre cables - Part 1-218: Generic specification - Basic optical cable test procedures - Environmental test methods - Mid-span temperature cycling test for exposed optical units, method f18

Câbles à fibres optiques - Partie 1-218: Spécification générique - Procédures fondamentales d'essais des câbles optiques - Méthodes d'essai d'environnement - Essai de cycles de température à mi-portée pour les éléments optiques exposés, méthode f18

Ta slovenski standard je istoveten z: **prEN IEC 60794-1-218:2023**

ICS:

33.180.10 (Optična) vlakna in kabli Fibres and cables

oSIST prEN IEC 60794-1-218:2024 **en**

86A/2370/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER:	
IEC 60794-1-218 ED1	
DATE OF CIRCULATION:	CLOSING DATE FOR VOTING:
2023-10-20	**2024-01-12**
SUPERSEDES DOCUMENTS:	
86A/2258/CD, 86A/2369/CC	

IEC SC 86A : FIBRES AND CABLES	
SECRETARIAT: France	SECRETARY: Mr Laurent Gasca
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: ☐ Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: ☐ EMC ☐ ENVIRONMENT ☐ QUALITY ASSURANCE ☐ SAFETY	
☒ SUBMITTED FOR CENELEC PARALLEL VOTING **Attention IEC-CENELEC parallel voting** The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting. The CENELEC members are invited to vote through the CENELEC online voting system.	☐ NOT SUBMITTED FOR CENELEC PARALLEL VOTING

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TITLE:

Optical fibre cables - Part 1-218: Generic specification - Basic optical cable test procedures - Environmental test methods - Mid-span temperature cycling test for exposed optical units, Method F18

PROPOSED STABILITY DATE: 2026

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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OPTICAL FIBRE CABLES –

Part 1-218: Generic specification – Basic optical cable test procedures – Environmental test methods – Mid-span temperature cycling test for exposed optical units, Method F18

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IEC 60794-1-218 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics. It is an International Standard.

This first edition of IEC 60794-1-218 cancels and replaces Method F18 of the second edition of IEC 60794-1-22:2017.

This edition includes the following significant technical changes with respect to IEC 60794-1-22:2017:

a) the scope is broadened that the test method is applicable for any optical cables with optical units including loose tubes, tight buffer tubes, and ribbons, exposed in a mid-span entry (expressed) and stored in a pedestal, closure, or similar;

b) change the title of the test method according to the above a);

c) delete the tube diameter requirement for the test object;

d) change the default temperature range according to IEC 60794-1-1;

e) add default coiled turns in the assembly during the test.

The text of this an International Standard is based on the following documents:

Draft	Report on voting
XX/XX/FDIS	XX/XX/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this an International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.