

STN	Optické káble Časť 1-220: Kmeňová špecifikácia Základné skúšobné postupy na optické káble Skúšobné metódy vplyvu prostredia Skúška korózie soľnou hmlou, metóda F20	STN EN IEC 60794-1-220 35 9223
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Optical fibre cables - Part 1-220: Generic specification - Basic optical cable test procedures - Environmental test methods - Salt spray corrosion test, method F20

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. 07/22

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EUROPEAN STANDARD

EN IEC 60794-1-220

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English Version

**Optical fibre cables - Part 1-220: Generic specification - Basic
optical cable test procedures - Environmental test methods - Salt
spray corrosion test, method F20
(IEC 60794-1-220:2022)**

Câbles à fibres optiques - Partie 1-220: Spécification
générique - Procédures fondamentales d'essais des câbles
optiques - Méthodes d'essais environnementaux - Essai de
corrosion au brouillard salin, méthode F20
(IEC 60794-1-220:2022)

Lichtwellenleiterkabel - Teil 1-22: Fachgrundspezifikation -
Grundlegende Prüfverfahren für Lichtwellenleiterkabel -
Prüfverfahren zur Umweltprüfung, Verfahren F20
(IEC 60794-1-220:2022)

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Europäisches Komitee für Elektrotechnische Normung

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EN IEC 60794-1-220:2022 (E)**European foreword**

The text of document 86A/2179/FDIS, future edition 1 of IEC 60794-1-220, prepared by SC 86A "Fibres and cables" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60794-1-220:2022.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2023-01-08
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Annex ZA (normative)

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-11	-	Environmental testing - Part 2-11: Tests - Test Ka: Salt mist	EN IEC 60068-2-11 -	



IEC 60794-1-220

Edition 1.0 2022-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Optical fibre cables –
Part 1-220: Generic specification – Basic optical cable test procedures –
Environmental test methods – Salt spray corrosion test, method F20**

**Câbles à fibres optiques –
Partie 1-220: Spécification générique – Procédures fondamentales d’essais
des câbles optiques – Méthodes d’essais environnementaux – Essai de
corrosion au brouillard salin, méthode F20**



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Edition 1.0 2022-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Optical fibre cables –
Part 1-220: Generic specification – Basic optical cable test procedures –
Environmental test methods – Salt spray corrosion test, method F20**

**Câbles à fibres optiques –
Partie 1-220: Spécification générique – Procédures fondamentales d’essais
des câbles optiques – Méthodes d’essais environnementaux – Essai de
corrosion au brouillard salin, méthode F20**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL FIBRE CABLES –

**Part 1-220: Generic specification –
Basic optical cable test procedures – Environmental test methods –
Salt spray corrosion test, method F20**

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IEC 60794-1-220 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics. It is an International Standard.

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

Draft	Report on voting
86A/2179/FDIS	86A/2188/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 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.

A list of all parts in the IEC 60794 series, published under the general title *Optical fibre cables*, can be found on the IEC website.

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

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

OPTICAL FIBRE CABLES –

Part 1-220: Generic specification – Basic optical cable test procedures – Environmental test methods – Salt spray corrosion test, method F20

1 Scope

This part of IEC 60794 defines a test standard to determine the ability of an optical fibre cable to withstand the effects of a controlled salt atmosphere.

This document applies to optical ground wire (OPGW) and optical phase conductor (OPPC). An optical ground wire and optical phase conductor are made of multiple metallic wires that are exposed to the environment without any insulating or protective sheath and contain optical fibres.

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.

IEC 60068-2-11, *Environmental testing – Part 2-11: Tests – Test Ka: Salt mist*

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