IEC 62614-1

Edition 1.0 2020-06

INTERNATIONAL STANDARD

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Fibre optics – Multimode launch conditions –
Part 1: Launch condition requirements for measuring multimode attenuation

IEC 62614-1:2020-06(en)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ICS 33.180.01

ISBN 978-2-8322-8398-1

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FIBRE OPTICS – MULTIMODE LAUNCH CONDITIONS –

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FOREWORD

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International Standard IEC 62614-1 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

This first edition cancels and replaces IEC 62614, published in 2010, and constitutes a technical revision.

This edition includes the following significant technical changes with respect to IEC 62614:

a) increase of the value of the uncertainty attenuation variation coefficient Y for 50 µm core fibre at 1 300 nm, due to launch conditions, to twice the previous value;
b) changes to 3.4, 5.6, including Table 5, and some references to remain consistent with IEC 61280-4-1:2019;
c) changes to multimode fibre references to be consistent with IEC 60793-2-10:2019.

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

CDV	Report on voting
86C/1625/CDV	86C/1654A/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62614 series, published under the general title *Fibre optics – Multimode launch conditions*, 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 "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- withdrawn,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.

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