

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

AMENDMENT 2  
AMENDEMENT 2

**Safety of laser products –  
Part 2: Safety of optical fibre communication systems (OFCS)**

**Sécurité des appareils à laser –  
Partie 2: Sécurité des systèmes de télécommunication par fibres optiques  
(STFO)**



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## FOREWORD

This amendment has been prepared by IEC technical committee 76: Optical radiation safety and laser equipment

The text of this amendment is based on the following documents:

Enquiry draft	Report on voting
76/409/CDV	76/419/RVC

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

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

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- withdrawn,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

### Foreword

*In the list of parts of the IEC 60825 series, delete the following:*

Part 6: Safety of products with optical sources, exclusively used for visible information transmission to the human eye

Part 7: Safety of products emitting infrared optical radiation, exclusively used for wireless 'free air' data transmission and surveillance

*Replace the title of Part 8 as follows:*

Part 8: Guidelines for the safe use of laser beams on humans

*Add the title of the following new part:*

Part 13: Measurements for classification of laser products

## 1 Scope and object

*Add, after the sixth paragraph ("Throughout this part of IEC 60825..., (LEDs) and optical amplifiers.") the following new note:*

NOTE 2 The optical hazard of light emerging from a fibre is determined by the wavelength and power emerging from the fibre and the optical characteristics of the fibre. (See Annex A.).

*Renumber the existing note as Note 1.*