



# INTERNATIONAL STANDARD



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**Optical fibre cables –  
Part 1-24: Generic specification – Basic optical cable test procedures – Electrical  
test methods**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### OPTICAL FIBRE CABLES –

### Part 1-24: Generic specification – Basic optical cable test procedures – Electrical test methods

#### FOREWORD

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International Standard IEC 60794-1-24 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics.

This edition of IEC 60794-1-24 cancels and replaces the electrical tests methods section of the second edition of IEC 60794-1-2, published in 2003 (and subsequently replaced by the third edition). It constitutes a technical revision.

It has been decided to split the second edition of IEC 60794-1-2 into six new documents:

- IEC 60794-1-2 : Cross reference table
- IEC 60794-1-20 : General and definitions
- IEC 60794-1-21 : Mechanical tests
- IEC 60794-1-22 : Environmental tests

- IEC 60794-1-23 : Cable elements
- IEC 60794-1-24 : Electrical tests

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

FDIS	Report on voting
86A/1591/FDIS	86A/1606/RVD

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

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

A list of all the 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 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- withdrawn,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.

A bilingual version of this publication may be issued at a later date.

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**OPTICAL FIBRE CABLES –**  
**Part 1-24: Generic specification –**  
**Basic optical cable test procedures –**  
**Electrical test methods**

## **1 Scope**

This part of IEC 60794 applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors.

The object of this standard is to define test procedures to be used in establishing uniform requirements for electrical requirements.

Throughout the standard the wording “optical cable” may also include optical fibre units, microduct fibre units, etc.

## **2 Normative references**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

Void.