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Fibre optic connector interfaces - Part 25: Type RAO connector family (IEC 61754-25:2008)

Steckgesichter von Lichtwellenleiter-Steckverbindern - Teil 25: Steckverbinderfamilie der Bauart RAO (IEC 61754-25:2008)

Interfaces de connecteurs pour fibres optiques - Partie 25: Famille de connecteurs du type RAO (CEI 61754-25:2008)

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**Ta slovenski standard je istoveten z: EN 61754-25:2009**

# **ICS:**

33.180.20 Ú[ ç^: [ çæ) ^Á æ] !æ^Á æ Fibre optic interconnecting devices  
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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61754-25**

March 2009

ICS 33.180.20

English version

**Fibre optic connector interfaces -  
Part 25: Type RAO connector family  
(IEC 61754-25:2008)**

Interfaces de connecteurs  
pour fibres optiques -  
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Teil 25: Steckverbinderfamilie  
der Bauart RAO  
(IEC 61754-25:2008)

**iTeh STANDARD PREVIEW**

This European Standard was approved by CENELEC on 2009-02-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 86B/2624/CDV, future edition 1 of IEC 61754-25, prepared by SC 86B, Fibre optic interconnecting devices and passive components, of IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61754-25 on 2009-02-01.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2009-11-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2012-02-01

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## Endorsement notice

The text of the International Standard IEC 61754-25:2008 was approved by CENELEC as a European Standard without any modification.

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IEC 61754-25

Edition 1.0 2008-11

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Fibre optic connector interfaces –  
Part 25: Type RAO connector family**

**Interfaces de connecteurs pour fibres optiques –  
Partie 25: Famille de connecteurs du type RAO**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## FIBRE OPTIC CONNECTOR INTERFACES –

## Part 25: Type RAO connector family

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 61754-25 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

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

CDV	Report on voting
86B/2624/CDV	86B/2711/RVC

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 parts of the IEC 61754 series, under the general title: *Fibre optic connector interfaces*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result 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.

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## INTRODUCTION

International Electrotechnical Commission (IEC) draws attention to the fact that it is claimed that compliance with this document may involve the use of a patent concerning IEC 61754-25.

IEC takes no position concerning the evidence, validity and scope of this patent right.

The holder of this patent right has assured IEC that he/she is willing to negotiate licences under reasonable and non-discriminatory terms and conditions with applicants throughout the world. In this respect, the statement of the holder of this patent right is registered with IEC. Information may be obtained from:

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Nakamachi Musashino-Shi,  
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R&D Department

Sanwa Denki Kogyo Co., Ltd

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Nippon Telegraph and Telephone Corporation

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Tokyo Japan

NTT Advance Technology Corporation and Sanwa Denki Kogyo hold the patent right concerning Figure 1A (patent number:2001-318847).

NTT holds the patent right concerning Figure 2A and Figure 3 (patent number: 1991-228619).

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