

STN	Optovláknové spájacie prvky a pasívne súčiastky. Základné skúšobné a meracie postupy. Časť 3-47: Skúšanie a meranie. Geometria koncových plôch sféricky leštených ferúl PC/APC pomocou interferometrie.	STN EN 61300-3-47 35 9252
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Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-47: Examinations and measurements - End face geometry of PC/APC spherically polished ferrules using interferometry

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. 03/15

Obsahuje: EN 61300-3-47:2014, IEC 61300-3-47:2014

120441

Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, odbor SÚTN, 2015
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

ICS 33.180.20

English Version

**Fibre optic interconnecting devices and passive components -
Basic test and measurement procedures - Part 3-47:
Examinations and measurements - End face geometry of
PC/APC spherically polished ferrules using interferometry
(IEC 61300-3-47:2014)**

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Lichtwellenleiter - Verbindungselemente und passive Bauteile - Grundlegende Prüf- und Messverfahren - Teil 3-47: Untersuchungen und Messungen - Endflächengeometrie von sphärisch polierten PC/APC-Ferrulen mittels Interferometrie (IEC 61300-3-47:2014)

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Foreword

The text of document 86B/3773/FDIS, future edition 1 of IEC 61300-3-47, prepared by subcommittee 86B "Fibre optic interconnecting devices and passive components" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61300-3-47:2014.

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INTERNATIONAL STANDARD



**Fibre optic interconnecting devices and passive components – Basic test and measurement procedures –
Part 3-47: Examinations and measurements – End face geometry of PC/APC spherically polished ferrules using interferometry**





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INTERNATIONAL STANDARD



**Fibre optic interconnecting devices and passive components – Basic test and measurement procedures –
Part 3-47: Examinations and measurements – End face geometry of PC/APC spherically polished ferrules using interferometry**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

PRICE CODE



ICS 33.180.20

ISBN 978-2-8322-1708-5

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING
DEVICES AND PASSIVE COMPONENTS –
BASIC TEST AND MEASUREMENT PROCEDURES –****Part 3-47: Examinations and measurements –
End face geometry of PC/APC spherically
polished ferrules using interferometry**

FOREWORD

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International Standard IEC 61300-3-47 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This standard merges IEC 61300-3-15, IEC 61300-3-16, IEC 61300-3-17 and IEC 61300-3-23. After publication of this standard IEC 61300-3-15, IEC 61300-3-16, IEC 61300-3-17 and IEC 61300-3-23 will be withdrawn.

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

FDIS	Report on voting
86B/3773/FDIS	86B/3805/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 parts in the IEC 61300 series, published under the general title, *Fibre optic interconnecting and passive components – Basic test and measurement procedures*, can be found on the IEC website.

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**FIBRE OPTIC INTERCONNECTING
DEVICES AND PASSIVE COMPONENTS –
BASIC TEST AND MEASUREMENT PROCEDURES –**

**Part 3-47: Examinations and measurements –
End face geometry of PC/APC spherically
polished ferrules using interferometry**

1 Scope

This part of IEC 61300 describes a procedure to measure the end face geometry of a spherically polished ferrule or connector. Within this standard the words “ferrule” and “connector” can be used interchangeably.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN