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Optical fibre cables - Part 5: Sectional specification -
Microduct cabling for installation by blowing

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

| | |
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| See Eesti standard EVS-EN 60794-5:2016 sisaldab Euroopa standardi EN 60794-5:2016 ingliskeelset teksti. | This Estonian standard EVS-EN 60794-5:2016 consists of the English text of the European standard EN 60794-5:2016. |
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English Version

Optical fibre cables - Part 5: Sectional specification - Microduct cabling for installation by blowing (IEC 60794-5:2014)

Câbles à fibres optiques - Partie 5: Spécification intermédiaire - Câblage en micro-conduits pour installation par soufflage
(IEC 60794-5:2014)

Lichtwellenleiterkabel - Teil 5: Rahmenspezifikation - Mikrorohr-Verkabelung zur Installation durch Einblasen
(IEC 60794-5:2014)

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

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European foreword

The text of document 86A/1588/CDV, future edition 2 of IEC 60794-5, prepared by SC 86A "Fibres and cables" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60794-5:2016.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-06-09
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-12-09

This document supersedes EN 60794-5:2007.

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Endorsement notice

The text of the International Standard IEC 60794-5:2014 was approved by CENELEC as a European Standard without any modification.

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OPTICAL FIBRE CABLES –

Part 5: Sectional specification – Microduct cabling for installation by blowing

1 Scope

This part of IEC 60794, which is a sectional specification, specifies the requirements of microduct optical fibre cables, microduct fibre units, microducts and protected microducts for installation by blowing for outdoor and/or indoor use.

The microduct optical fibre cables and microduct fibre units utilize the structure of the microduct or protected microducts to support installation and to provide protection over the design lifetime.

These products may be used for applications such as communication and transmission networks, transmission, telephone and data processing equipment, control and monitoring applications.

The cabling structures described in this sectional specification are uniquely designed to facilitate and take advantage of installation by blowing into microducts.

IEC TR 62839-1 gives rules to build an environmental declaration, if needed.

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.

IEC 60304, *Standard colours for insulation for low-frequency cables and wires*

IEC 60793-1-40, *Optical fibres – Part 1-40: Measurement methods and test procedures – Attenuation*

IEC 60793-1-44, *Optical fibres – Part 1-44: Measurement methods and test procedures – Cut-off wavelength*

IEC 60793-2, *Optical fibres – Part 2: Product specifications – General*

IEC 60794-1-1, *Optical fibre cables – Part 1-1: Generic specification – General*

IEC 60794-3, *Optical fibre cables – Part 3: Outdoor optical fibre cables – Sectional specification*

3 Terms, definitions, symbols and abbreviations

For the purposes of this document, the terms, definitions, symbols and abbreviations are given in IEC 60794-1-1.