



**NSAI**  
Standards

Irish Standard  
I.S. EN IEC 60794-4-20:2018

Optical fibre cables - Part 4-20: Sectional specification - Aerial optical cables along electrical power lines - Family specification for ADSS (all dielectric self-supported) optical cables

**I.S. EN IEC 60794-4-20:2018**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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*This document is based on:*

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Údarás um Chaighdeáin Náisiúnta na hÉireann

## National Foreword

I.S. EN IEC 60794-4-20:2018 is the adopted Irish version of the European Document EN IEC 60794-4-20:2018, Optical fibre cables - Part 4-20: Sectional specification - Aerial optical cables along electrical power lines - Family specification for ADSS (all dielectric self-supported) optical cables

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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*In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

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EUROPEAN STANDARD

**EN IEC 60794-4-20**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2018

ICS 33.180.10

Supersedes EN 60794-4-20:2012

English Version

**Optical fibre cables - Part 4-20: Sectional specification - Aerial optical cables along electrical power lines - Family specification for ADSS (all dielectric self-supported) optical cables (IEC 60794-4-20:2018)**

Câbles à fibres optiques - Partie 4-20: Spécification intermédiaire - Câbles optiques aériens le long des lignes électriques de puissance - Spécification de famille pour les câbles optiques autoporteurs entièrement diélectriques (ADSS)  
(IEC 60794-4-20:2018)

Lichtwellenleiterkabel - Teil 4-20: Lichtwellenleiter-Luftkabel auf Starkstrom-Freileitungen - Familienspezifikation für ADSS-LWL-Kabel (dielektrische, selbsttragende LWL-Kabel)  
(IEC 60794-4-20:2018)

This European Standard was approved by CENELEC on 2018-10-02. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## **EN IEC 60794-4-20:2018 (E)**

### **European foreword**

The text of document 86A/1867/FDIS, future edition 2 of IEC 60794-4-20, 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 IEC 60794-4-20:2018.

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) 2019-07-02
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-10-02

This document supersedes EN 60794-4-20:2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

### **Endorsement notice**

The text of the International Standard IEC 60794-4-20:2018 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

- IEC 60060-1:2010 NOTE Harmonized as EN 60060-1:2010 (not modified)
- IEC 60794-1-2 NOTE Harmonized as EN 60794-1-2
- IEC 60794-3-20 NOTE Harmonized as EN 60794-3-20
- IEC 60794-4 series NOTE Harmonized as EN 60794-4 series
- IEC 61395 NOTE Harmonized as EN 61395
- IEC 61935 series NOTE Harmonized as EN 61935 series

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