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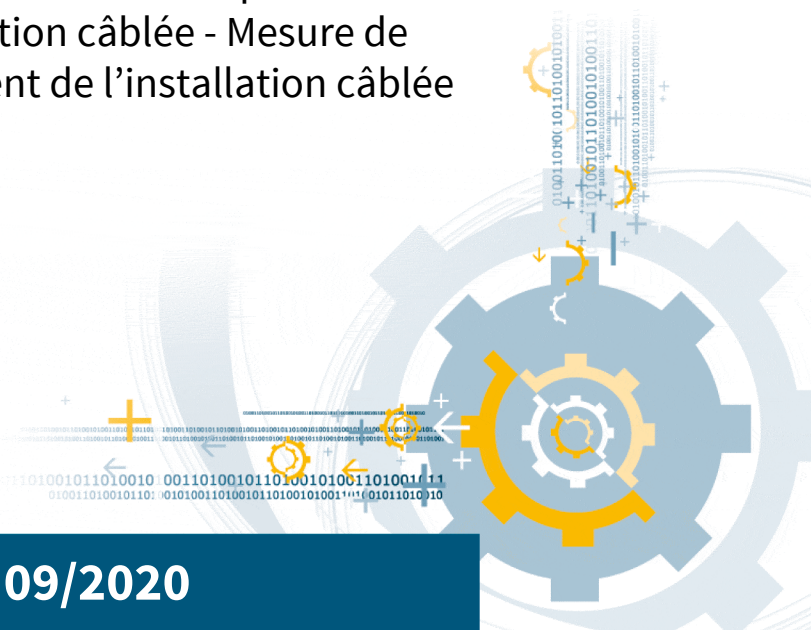
## ILNAS-EN IEC 61280-4-5:2020

### **Fibre-optic communication subsystem test procedures - Part 4-5: Installed cabling plant - Attenuation measurement of MPO terminated fibre**

Prüfverfahren für Lichtwellenleiter-  
Kommunikationsuntersysteme – Teil 4-5:  
Installierte Kabelanlagen –  
Dämpfungsmessung an

Procédures d'essai des sous-systèmes de  
télécommunication fibroniques - Partie  
4-5: Installation câblée - Mesure de  
l'affaiblissement de l'installation câblée

09/2020



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## English Version

**Fibre-optic communication subsystem test procedures - Part 4-5:  
Installed cabling plant - Attenuation measurement of MPO  
terminated fibre optic cabling plant using test equipment with  
MPO interfaces  
(IEC 61280-4-5:2020)**

Procédures d'essai des sous-systèmes de  
télécommunication fibroniques - Partie 4-5: Installation  
câblée - Mesure de l'affaiblissement de l'installation câblée  
fibronique à terminaisons MPO utilisant un équipement  
d'essai avec interfaces MPO  
(IEC 61280-4-5:2020)

Prüfverfahren für Lichtwellenleiter-  
Kommunikationsuntersysteme - Teil 4-5: Installierte  
Kabelanlagen - Dämpfungsmessung an Lichtwellenleiter-  
Kabelanlagen mit MPO-Abschlüssen mittels  
Prüfeinrichtungen mit MPO-Steckgesichtern  
(IEC 61280-4-5:2020)

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

## European foreword

The text of document 86C/1669/FDIS, future edition 1 of IEC 61280-4-5, prepared by SC 86C "Fibre optic systems and active devices" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61280-4-5:2020.

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) 2021-05-26
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-08-26

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

IEC 60793-1-40	NOTE	Harmonized as EN IEC 60793-1-40
IEC 60793-2	NOTE	Harmonized as EN 60793-2
IEC 60793-2-10	NOTE	Harmonized as EN IEC 60793-2-10
IEC 60793-2-50	NOTE	Harmonized as EN IEC 60793-2-50
IEC 60876-1:2014	NOTE	Harmonized as EN 60876-1:2014 (not modified)
IEC 61280-4-2	NOTE	Harmonized as EN 61280-4-2
IEC 61300-3-6	NOTE	Harmonized as EN 61300-3-6
IEC 61300-3-45	NOTE	Harmonized as EN 61300-3-45
IEC 61745	NOTE	Harmonized as EN 61745
IEC 61754-7 (series)	NOTE	Harmonized as EN IEC 61754-7 (series)
IEC 61755-3-31	NOTE	Harmonized as EN 61755-3-31

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60825	series	Safety of laser products	EN 60825	series
IEC 61280-1-3	-	Fibre optic communication subsystem test procedures - Part 1-3: General communication subsystems - Central wavelength and spectral width measurement	EN 61280-1-3	-
IEC 61280-4-1	2019	Fibre-optic communication subsystem test procedures - Part 4-1: Installed cabling plant - Multimode attenuation measurement	EN IEC 61280-4-1	2019
IEC 61300-3-35	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Visual inspection of fibre optic connectors and fibre-stub transceivers	EN 61300-3-35	-
IEC 61315	-	Calibration of fibre-optic power meters	EN IEC 61315	-
IEC 61746-1	-	Calibration of optical time-domain reflectometers (OTDR) - Part 1: OTDR for single mode fibres	EN 61746-1	-
IEC 61746-2	-	Calibration of optical time-domain reflectometers (OTDR) - Part 2: OTDR for multimode fibres	EN 61746-2	-



# INTERNATIONAL STANDARD



**Fibre-optic communication subsystem test procedures –  
Part 4-5: Installed cabling plant – Attenuation measurement of MPO terminated  
fibre optic cabling plant using test equipment with MPO interfaces**

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