



National Standards Authority of Ireland

IRISH STANDARD

I.S. HD 626 S1:2003

ICS 29.060.20

National Standards  
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Overhead distribution cables of rated voltage

$U_o/U(U_m)$ : 0,6/1 (1,2) kV

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HARMONIZATION DOCUMENT  
DOCUMENT D'HARMONISATION  
HARMONISIERUNGSDOKUMENT

**HD 626 S1**

February 1996

ICS 29.060.20

Descriptors: Electrical installation, insulated conductor, bundle assembled cores, electric overhead line, conductor, protective sheath, polyethylene, characteristics, dimension, test, marking

English version

**Overhead distribution cables  
of rated voltage  $U_0/U(U_m)$ : 0,6/1 (1,2) kV**

Câbles de distribution aérienne  
de tension assignée  $U_0/U(U_m)$ :  
0,6/1 (1,2) kV

Isolierte Freileitungsseile für oberirdische  
Verteilungsnetze mit Nennspannungen  
 $U_0/U(U_m)$ : 0,6/1 (1,2) kV

This Harmonization Document was approved by CENELEC on 1995-11-28. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning such national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists exceptionally in two official versions only (English, French).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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**CENELEC**

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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## FOREWORD

This Harmonization document was prepared by Technical Committee CENELEC TC20 "Electric Cables"

Part 1 of HD 626 contains the General Requirements applicable to cables for overhead distribution and service, specified in the particular sections of Part 3, 4, 5, 6, 7 and 8. Only bundle assembled cores are specified. An amendment, concerning single core cables, is under consideration, and will be introduced as Part 9.

The document contains the following Parts, arranged according to the main constructional features of the cables covered :

HD 626 Part 1 -	General Requirements
HD 626 Part 2 -	Additional Test Methods
HD 626 Part 3 -	PE insulated self-supporting cables, (bundle assembled cores )
HD 626 Part 4 -	XLPE insulated self-supporting cables, (bundle assembled cores )
HD 626 Part 5 -	PE insulated cables with messenger, (bundle assembled cores )
HD 626 Part 6 -	XLPE insulated cables with messenger, (bundle assembled cores )
HD 626 Part 7 -	XLPE insulated and sheathed self-supporting cables, (bundle assembled cores )
HD 626 Part 8 -	XLPE insulated and PVC sheathed cables with messenger, (bundle assembled cores )

Each of Parts 3 - 8 inclusive contains a number of Sections, and the Technical Board has agreed (D68/047, Brussels, June 1991) that National Committees need at present only implement in their national language those Sections having national applicability. The obligation remains however to announce the full HD in public by titles and numbers, and also to withdraw any conflicting national standards.

Page numbering reflects the arrangement into Parts and Particular sections, e.g.. Page 5-D-6 is Page 6 of Particular Section D of Part 5.

References to other HDs, ENs and International Standards are given in the particular parts or sections.

The text of the draft was submitted to the formal vote and was approved by CENELEC as HD 626 S1 on 1995-11-28.

By decision of the Technical Board (D81/139), this Harmonization Document exists only in English and French.

The following dates were fixed:

- latest date by which the existence of the HD has to be announced at national level (doa) 1996-06-01
  - latest date by which the HD has to be implemented at national level by publication of a harmonized national standard or by endorsement (dop) 1996-12-01
  - latest date by which the national standards conflicting with the HD have to be withdrawn (dow) 1996-12-01
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### PART 2 ADDITIONAL TEST METHODS

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*(Cables with aluminium conductors ) .*
- 3 C Bundle assembled cores for overhead distribution and service (Type 3C-1 and 3C-2)  
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- 3 I Bundle assembled cores for overhead service (Type 3 I-1)  
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