



National Standards Authority of Ireland

IRISH STANDARD

I.S. HD 626 S1:2003

ICS 29.060.20

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800

Tel: (01) 807 3838

Overhead distribution cables of rated voltage

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

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Údarás um Chaighdeán Náisiúnta na hÉireann

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

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

Isolierte Freileitungsseile für oberirdische
Verteilungsnetze mit Nennspannungen
 $U_o/U(U_m)$: 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:

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| – 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 1 GENERAL REQUIREMENTS

PART 2 ADDITIONAL TEST METHODS

PART 3 PE INSULATED SELF SUPPORTING CABLES (bundle assembled cores)

- 3 A Bundle assembled cores for overhead distribution and service (Type 3A-1)
(Cables with aluminium conductors).
- 3 C Bundle assembled cores for overhead distribution and service (Type 3C-1 and 3C-2)
(Cables with aluminium (Type 3C-1) or with copper (Type 3C-2) phase conductors, and aluminium neutral conductor).
- 3 I Bundle assembled cores for overhead service (Type 3 I-1)
(Cables with aluminium conductors).
- 3 L Bundle assembled cores for overhead distribution and service (Type 3L-1)
(Cables with aluminium conductors).

PART 4 XLPE INSULATED SELF SUPPORTING CABLES (bundle assembled cores)

- 4 B Bundle assembled cores for overhead service (Types 4B-1 and 4B-2)
(Cables with aluminium conductors (Type 4B-1) or with copper conductors (Type 4B-2)).
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- 4 F Bundle assembled cores for overhead distribution and service (Type 4F-1)
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(Cables with aluminium conductors).
- 4 J Bundle assembled cores for overhead service (Types 4J-1 and 4J-2)
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(Cables with aluminium phase conductors and aluminium alloy neutral conductor).
- 6 J Bundle assembled cores for overhead distribution (Type 6J-1)
(Cables with aluminium phase conductors and aluminium alloy neutral conductor).
- 6 K Bundle assembled cores for overhead distribution (Type 6K-1)
(Cables with aluminium phase conductors and aluminium alloy neutral conductor).
- 6 N Bundle assembled cores for overhead distribution (Type 6N-1)
(Cables with aluminium phase conductors and aluminium alloy neutral conductor).

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