



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60719:1994

ICS 29.060.20

**CALCULATION OF THE LOWER AND UPPER  
LIMITS FOR THE AVERAGE OUTER  
DIMENSIONS OF CABLES WITH CIRCULAR  
COPPER CONDUCTORS AND OF RATED  
VOLTAGES UP TO AND INCLUDING  
450/750V (IEC 719:1992)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann



## DECLARATION

OF

SPECIFICATION

ENTITLED

CALCULATION OF THE LOWER AND UPPER LIMITS FOR THE AVERAGE OUTER  
DIMENSIONS OF CABLES WITH CIRCULAR COPPER CONDUCTORS AND OF RATED  
VOLTAGES UP TO AND INCLUDING 450/750V (IEC 719:1992)

AS

THE IRISH STANDARD SPECIFICATION FOR

CALCULATION OF THE LOWER AND UPPER LIMITS FOR THE AVERAGE OUTER  
DIMENSIONS OF CABLES WITH CIRCULAR COPPER CONDUCTORS AND OF RATED  
VOLTAGES UP TO AND INCLUDING 450/750V (IEC 719:1992)

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Forfás in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Industrial Development Act, 1993 (No. 19 of 1993), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Calculation of the Lower and Upper Limits for the Average Outer Dimensions of Cables with Circular Copper Conductors and of Rated Voltages up to and Including 450/750V (IEC 719:1992)) Declaration, 1994.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Calculation of the Lower and Upper Limits for the Average Outer Dimensions of Cables with Circular Copper Conductors and of Rated Voltages up to and Including 450/750V (IEC 719:1992). The Schedule comprises the text of EN 60719 : 1993.

(2) The said standard specification may be cited as Irish Standard/EN 60719:1994 or as I.S./EN 60719:1994.



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UDC 621.315.2.001.24:621.315.61:621.3.022

Descriptors: Electric cable, low voltage equipment, flexible cable, flexible conductor, dimension measure, minimum value, maximum value, calcul

## ENGLISH VERSION

Calculation of the lower and upper limits for the average outer dimensions of cables with circular copper conductors and of rated voltages up to and including 450/750 V  
(IEC 719:1992)

Calcul des valeurs minimales et maximales des dimensions extérieures moyennes des conducteurs et câbles à âmes circulaires en cuivre et de tension nominale au plus égale à 450/750 V  
(CEI 719:1992)

Berechnung der unteren und oberen Grenzen der mittleren Außenmaße von Leitungen mit runden Kupferleitern und Nennspannungen bis 450/750 V  
(IEC 719:1992)

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This European Standard was approved by CENELEC on 1993-07-06. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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.

## CENELEC

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

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#### FOREWORD

At the request of the CENELEC Technical Committee TC 20, Electric cables, the International Standard IEC 719:1992 was submitted to the CENELEC Unique Acceptance Procedure (UAP) in September 1992 for acceptance as a European Standard.

The text of the International Standard was approved by CENELEC as EN 60719 on 6 July 1993.

The following dates were fixed:

- latest date of publication of  
an identical national standard (dop) 1994-03-01
- latest date of withdrawal of  
conflicting national standards (dow) 1994-03-01

Annexes designated "normative" are part of the body of the standard.  
In this standard, annex ZA is normative.

#### ENDORSEMENT NOTICE

The text of the International Standard IEC 719:1992 was approved by CENELEC as a European Standard without any modification.

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