



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60510-3-4:1995

ICS 33.060 30

**METHODS OF MEASUREMENT FOR RADIO  
EQUIPMENT USED IN SATELLITE EARTH  
STATIONS. PART 3: METHODS OF  
MEASUREMENT ON COMBINATIONS OF  
SUB-SYSTEMS. SECTION 4: MEASUREMENT  
FOR FREQUENCY DIVISION MULTIPLEX  
(F.D.M.) TRANSMISSION (IEC 510-3-4:1992)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann



## DECLARATION

OF

SPECIFICATION

ENTITLED

METHODS OF MEASUREMENT FOR RADIO EQUIPMENT USED IN SATELLITE EARTH STATIONS. PART 3: METHODS OF MEASUREMENT ON COMBINATIONS OF SUB-SYSTEMS. SECTION 4: MEASUREMENT FOR FREQUENCY DIVISION MULTIPLEX (F.D.M.) TRANSMISSION (IEC 510-3-4:1992)

AS

THE IRISH STANDARD SPECIFICATION FOR

METHODS OF MEASUREMENT FOR RADIO EQUIPMENT USED IN SATELLITE EARTH STATIONS. PART 3: METHODS OF MEASUREMENT ON COMBINATIONS OF SUB-SYSTEMS. SECTION 4: MEASUREMENT FOR FREQUENCY DIVISION MULTIPLEX (F.D.M.) TRANSMISSION (IEC 510-3-4:1992)

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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 (Methods of Measurement for Radio Equipment Used in Satellite Earth Stations. Part 3: Methods of Measurement on Combinations of Sub-Systems. Section 4: Measurement for Frequency Division Multiplex (f.d.m.) Transmission (IEC 510-3-4:1992)) Declaration, 1995.

2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Methods of Measurement for Radio Equipment Used in Satellite Earth Stations. Part 3: Methods of Measurement on Combinations of Sub-Systems. Section 4: Measurement for Frequency Division Multiplex (f.d.m.) Transmission (IEC 510-3-4:1992). The Schedule comprises the text of EN 60510-3-4 : 1994.

(2) The said standard specification may be cited as Irish Standard/EN 60510-3-4:1995 or as I.S./EN 60510-3-4:1995.



NORME EUROPEENNE

EUROPÄISCHE NORM

June 1994

UDC 621.396.6:629.783:621.317.08

Descriptors: Radiocommunications, telecommunications, satellite broadcasting, radio equipment, earth stations, characteristics, measurements, telephones, multiplexing

ENGLISH VERSION

Methods of measurement for radio equipment used in satellite earth stations

Part 3: Methods of measurement on combinations of sub-systems

Section four: Measurements for frequency division multiplex (f.d.m.) transmission  
(IEC 510-3-4:1992)

Méthodes de mesure pour les équipements radioélectriques utilisés dans les stations terriennes de télécommunication par satellites  
Partie 3 Méthodes de mesure applicables aux combinaisons de sous-ensembles  
Section quatre: Mesures pour la transmission de la téléphonie multivoie à multiplexage par répartition en fréquence (m.r.f.)  
(CEI 510-3-4:1992)

Meßverfahren für Funkgerät in Satelliten-Erdfunkstellen  
Teil 3: Meßverfahren für Kombinationen von Untersystemen  
Hauptabschnitt Vier: Messungen für Frequenzmultiplex (FDM)-Übertragung  
(IEC 510-3-4:1992)

This European Standard was approved by CENELEC on 1994-03-08. 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

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

### FOREWORD

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 510-3-4:1992 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as European Standard.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as EN 60510-3-4 on 8 March 1994.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1995-03-15
- latest date of withdrawal of conflicting national standards (dow) 1995-03-15

Annexes designated "normative" are part of the body of the standard.  
Annexes designated "informative" are given only for information.  
In this standard, annex A is informative and annex ZA is normative.

### ENDORSEMENT NOTICE

The text of the International Standard IEC 510-3-4:1992 was approved by CENELEC as a European Standard without any modification.

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