



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 160200-2:1998**

ICS 31.020

**SECTIONAL SPECIFICATION: MICROWAVE  
MODULAR ELECTRONIC UNITS OF  
ASSESSED QUALITY  
PART 2: INDEX OF TEST METHODS**

National Standards  
Authority of Ireland  
Glasnevin, Dublin 9  
Ireland

Tel: +353 1 807 3800  
Fax: +353 1 807 3838  
<http://www.nsai.ie>

**Sales**  
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Descriptors: Modular electronic units, microwave, assessed quality, test, measurement procedures, index of special test methods

English version

**Sectional specification:**  
**Microwave modular electronic units of assessed quality**  
**Part 2: Index of test methods**

**Rahmenspezifikation:**  
**Elektronische Mikrowellenmodule**  
**mit bewerteter Qualität**  
**Teil 2: Verzeichnis der Prüfverfahren**

This European Standard was approved by CENELEC on 1997-07-01. 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.

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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**

## Foreword

This sectional specification has been prepared by the United Kingdom under the single originator procedure for approval and publication of CECC specifications (see RP 11: Part V). It is to be used for the assessment of Microwave Modular Electronic Units (MMEUs) within the CECC capability approval scheme. The content is in accordance with the generic specification for Modular Electronic Units (MEU's) EN 160000 and meets the requirements of Rules of Procedure 14 (RP 14).

This part 2 is to be read in conjunction with Part 1 of EN 160200, which details the requirements for obtaining Capability Approval and Specification of MMEUs.

It is based wherever possible, on the publications of the International Electrotechnical Commission.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 160200-2 on 1997-07-01.

The following dates were fixed:

- |  |       |            |
|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 1998-06-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn   | (dow) | 1998-06-01 |
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## Section 1 General matters

### 1.1 Scope

This Part 2 of the Sectional Specification EN 160200 defines standard/reference test methods for Electrical, Mechanical and Visual Inspection as prescribed in Part 1 of the Sectional Specification EN 160200 and Blank Detail Specification EN 160201 for Microwave Modular Electronic Units (MMEUs).

Section three of EN 160200-1 details general requirements for test and measurement procedures (including environmental test requirements).

This Standard specifies a wide range of documents which relate to microwave test methods. Many of which are not covered by IEC or CECC specifications. Although a number of test methods are under preparation by IEC and CECC they are considered acceptable for use in this Standard. Where test methods have been considered suitable for insertion into this Standard they are either referenced under clause 2.4 - Standard Test Methods or detailed in full under clause 2.5 - Special Test Methods.

Examples of MMEUs which are covered by these test methods are:

- |                           |   |
|---------------------------|---|
| - Amplifiers              | - Attenuators                                 |
| - Couplers/Power dividers | - Filters                                     |
| - Isolators/Circulators   | - Limiters                                    |
| - Mixers                  | - Noise Sources                               |
| - Oscillators             | - Phase Shifters                              |
| - Switches                | - Transmitters (e.g. Integrated Multichannel) |

Guidance on the prime electrical characteristics to be measured is given in annex C of the Blank Detail Specification (BDS) - EN 160201.

This Part 2 of EN 160200 will be reviewed as other test methods become available.

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