EESTI STANDARD EVS-EN 122340:2003

Sectional Specification: Radio frequency coaxial connectors -Series MMCX

Sectional Specification: Radio frequency coaxial connectors -Series MMCX

EESTI STANDARDIKESKUS

EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN 122340:2003 sisaldab Euroopa standardi EN 122340:2002 ingliskeelset teksti. Käesolev dokument on jõustatud 15.01.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 122340:2003 consists of the English text of the European standard EN 122340:2002. This document is endorsed on 15.01.2003 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: This sectional specification (SS) provides information and rules for the preparation of detail specifications (DS) for miniature snap-on interfaces for use with both flexible and semi-rigid coaxial cables (Series MMCX). The connectors are usable to a frequency of at least 6 GHz.	**Scope:** This sectional specification (SS) provides information and rules for the preparation of detail specifications (DS) for miniature snap-on interfaces for use with both flexible and semi-rigid coaxial cables (Series MMCX). The connectors are usable to a frequency of at least 6 GHz.

ICS 33.120.30

Võtmesõnad: connecting dimensions, electric plugs, electrical engineering, electronic, electronic equ, electronic equipment and components, high frequencies, properties, quality, radiofrequency connectors, radio-frequency plugs, sectional specification, specification, testing

EUROPEAN STANDARD **EN 122340**

NORME EUROPÉENNE

EUROPÄISCHE NORM March 2002

ICS 33.120.30

English version

Sectional Specification: Radio frequency coaxial connectors - Series MMCX

Spécification intermédiaire: Connecteurs pour fréquence radioélectrique - Série MMCX

Rahmenspezifikation: Hochfrequenz-Steckverbinder - Serie MMCX

This European Standard was approved by CENELEC on 2001-11-01. 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.

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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, 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

Ref. No. EN 122340:2002 E

Foreword

This European Standard was prepared by former Technical Committee CENELEC TC 46D, RF connectors (disbanded by 105 BT in October 2000).

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 122340 on 2001-11-01.

The following dates were fixed:

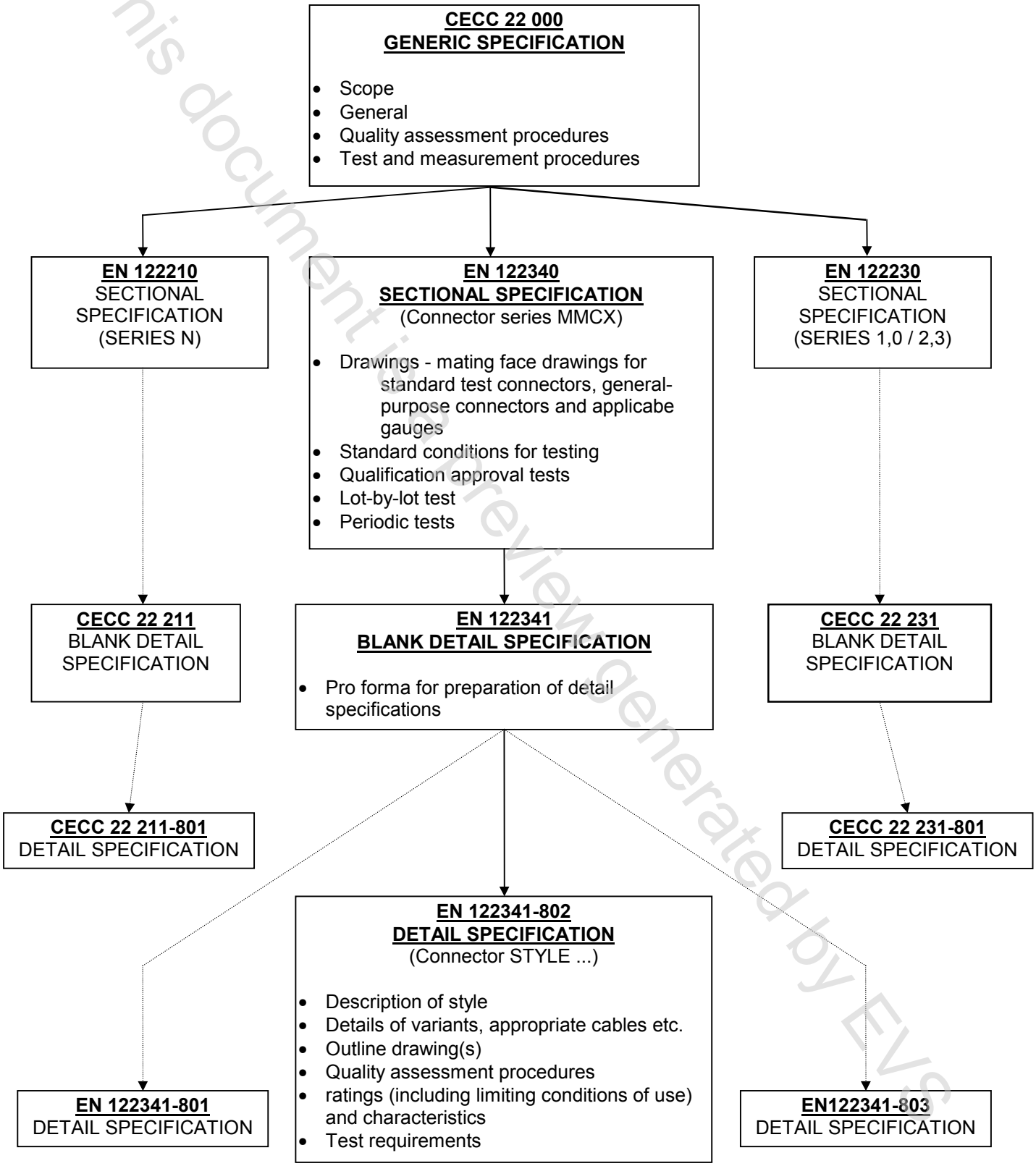
- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2002-11-01

- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2004-11-01

Contents

Page

CECC-SPECIFICATION SYSTEM FOR HF CONNECTORS



NOTE A detail specification is a 'completed' blank detail specification.

Document numbering for RF connector specifications is in the process of conversion to conform with CENELEC PNE Rules, affecting generic, sectional and blank detail specifications but not CECC detail specifications.

Detail specifications (DS) shall be prepared using general blank detail specifications (BDS) EN 122001 (for military connectors), EN 122002 (for commercial connectors).

When completed, the detail specification (DS) applicable to this sectional specification (SS) shall be renumbered in accordance with 4.2 of CECC 00 700 (Section IV) Issue 1, as if a 'dedicated BDS' EN 122341 had been used.

1 Scope

This sectional specification (SS) provides information and rules for the preparation of detail specifications (DS) for miniature snap-on interfaces for use with both flexible and semi-rigid coaxial cables (Series MMCX). The connectors are usable to a frequency of at least 6 GHz.

It prescribes mating-face dimensions for general purpose connectors, dimensional details for standard test connectors, Grade 0, together with gauging information and the mandatory tests, selected from CECC 22 000, applicable to all DSs relating to Series MMCX connectors.

This specification indicates the recommended performance characteristics to be considered when writing a DS, and covers test schedules and inspection requirements for Assessment Level H.

2 Mating face and gauge information

2.1 Dimensions - General purpose connectors

Metric dimensions are original dimensions. All undimensioned pictorial configurations are for reference purposes only.

2.1.1 Plug

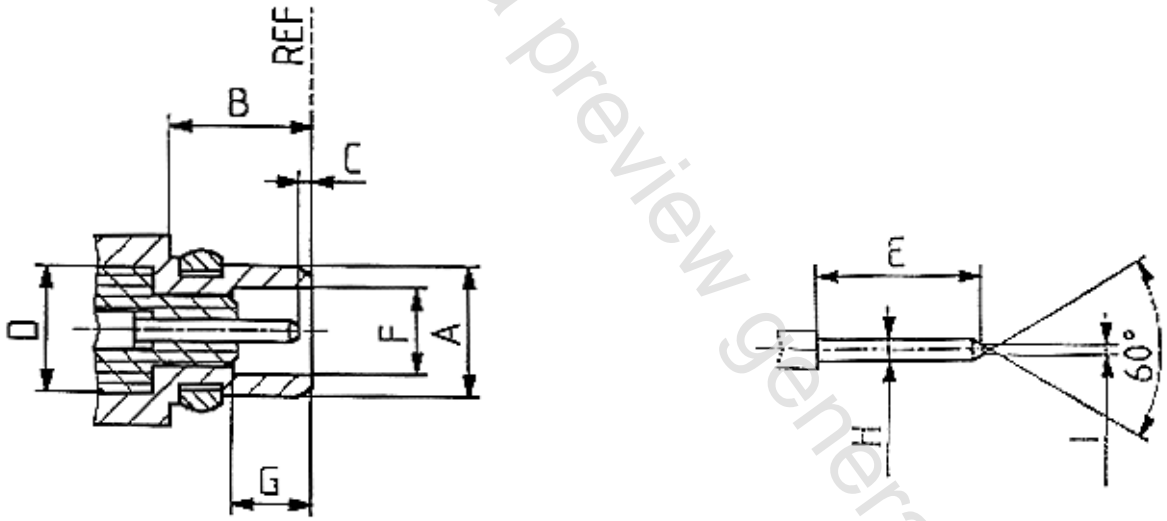


Figure 1 - Plug with male centre contact

Table 1

Ref.	mm		Note
	min.	max.	
A	---	2,40	Diameter
B	2,70	---	
C	0,00	0,25	
D	2,32	2,35	Diameter [1]
E	---	3,15	
F	1,58	1,62	Diameter [2]
G	1,45	---	
H	0,38	0,42	Diameter
I	---	0,20	Diameter