

Sectional Specification: Radio Frequency Coaxial Connectors. Series 7-16

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 122190:2003 sisaldab Euroopa standardi EN 122190:1994 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 05.02.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 122190:2003 consists of the English text of the European standard EN 122190:1994.</p> <p>This document is endorsed on 05.02.2003 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: Sectorial specifications: Radio Frequency Coaxial Connectors. Series 7-16</p>	<p>Scope: Sectorial specifications: Radio Frequency Coaxial Connectors. Series 7-16</p>
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ICS 33.120.30

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

English version

Sectional Specification:
Radio frequency coaxial connectors
Series 7-16

Spécification intermédiaire:
Connecteurs coaxiaux pour fréquence
radioélectrique
Série 7-16

Rahmenspezifikation:
Hochfrequenz-Koaxial-Steckverbinder
Serie 7-16

This European Standard was approved by the CENELEC Electronic Components Committee (CECC) on 26 December 1993. 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 General Secretariat of the CECC 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 CECC General 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. The membership of the CECC is identical, with the exception of the national electrotechnical committees of Greece, Iceland and Luxembourg.

CECC

CENELEC Electronic Components Committee
Comité des Composants Electroniques du CENELEC
CENELEC- Komitee für Bauelemente der Elektronik

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

Foreword

The CENELEC Electronic Components Committee (CECC) is composed of those member countries of the European Committee for Electrotechnical Standardization (CENELEC) who wish to take part in a harmonized System for electronic components of assessed quality.

The object of the System is to facilitate international trade by the harmonization of the specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognized Mark, or Certificate, of Conformity. The components produced under the System are thereby acceptable in all member countries without further testing.

This European Standard was prepared by CECC WG22, RF Connectors.

The text of the draft based on document CECC 22 190 Issue 2 : 1993 was submitted to the formal vote for conversion to a European Standard; together with the voting report, circulated as document CECC (Secretariat) 3470 it was approved by CECC as EN 122190 on 26 December 1993.

The following dates were fixed:

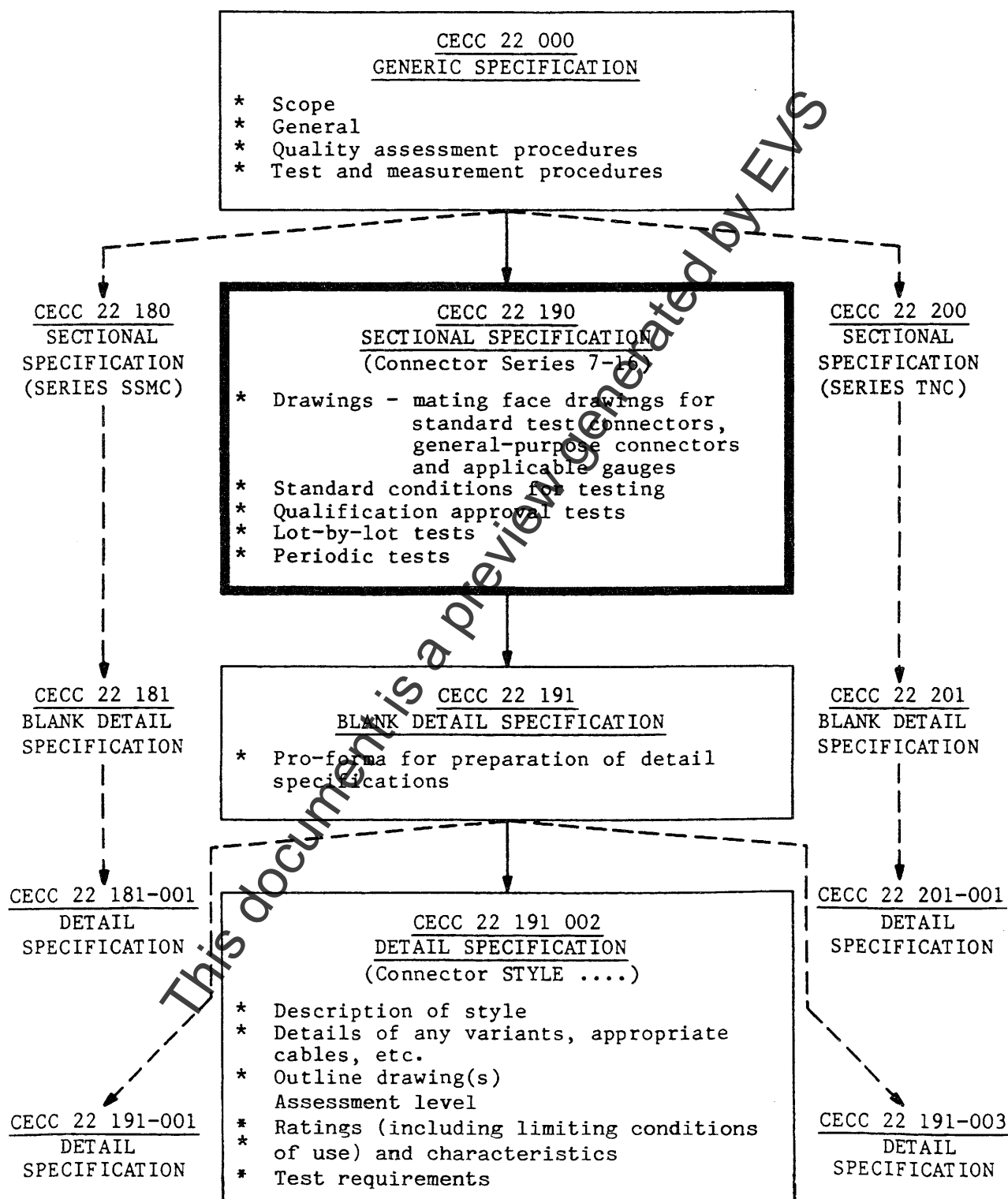
- latest date of announcement of the EN at national level (doa) 1994-05-02
- latest date of publication of an identical national standard* (dop) 1994-11-02
- latest date of withdrawal of conflicting national standards* (dow) 1995-11-02

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* National standard (excluding national implementation of IECQ specifications).

CECC SPECIFICATION SYSTEM for R.F. Connectors



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

SECTION 1 - SCOPE

This sectional specification (SS) provides information and rules for the preparation of detail specifications (DS) for screw coupled coaxial connectors Series 7-16.

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 7-16 connectors.

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

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SECTION 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

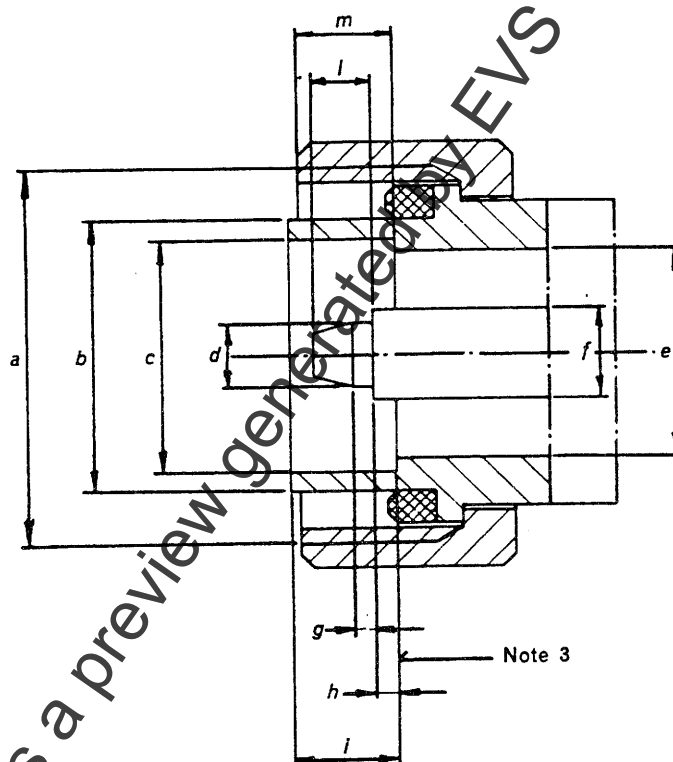


Fig. 1 Plug with male centre contact

Table 1

Ref.	mm		in		Note
	min.	max.	min.	max.	
a	M 29 x 1,5		M 29 x 1,5		2
b	20,6	21,4	0,811	0,843	
c	18,03	18,21	0,7098	0,7169	
d	4,96	5,04	0,1953	0,1984	
e	15,85	16,25	0,6240	0,6398	
f	7 nom.		0,276 nom.		1
g	1,4	1,6	0,0551	0,0630	
h	1,47	1,77	0,0579	0,0697	
i	7,00	8,00	0,276	0,315	
l	-	4,5	-	0,177	
m	7,00	9,00	0,276	0,354	