SLOVENSKI STANDARD
SIST EN 60966-2-1:1996/A1:1998

01-april-1998

Radio frequency and coaxial cable assemblies - Part 2-1: Sectional specification for flexible coaxial cable assemblies - Amendment A1 (IEC 60966-2-1:1991/A1:1997)

Radio frequency and coaxial cable assemblies -- Part 2-1: Sectional specification for flexible coaxial cable assemblies

Konfektionierte Koaxial- und Hochfrequenz-Kabel -- Teil 2-1: Rahmenspezifikation für flexible konfektionierte Koaxialkabel

Ensembles de cordons coaxiaux et de cordons pour fréquences radioélectriques -- Partie 2-1: Spécification intermédiaire pour cordons coaxiaux souples

Ta slovenski standard je istoveten z: **EN 60966-2-1:1995/A1:1997**

ICS:

33.120.10 Koaksialni kabli. Valovodi Coaxial cables. Waveguides

SIST EN 60966-2-1:1996/A1:1998 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60966-2-1/A1

October 1997

ICS 33.120.20

Descriptors: Radio frequency flexible coaxial cable assemblies, sectional specification

English version

Radio frequency and coaxial cable assemblies
Part 2-1: Sectional specification for flexible coaxial cable assemblies
(IEC 60966-2-1:1991/A1:1997)

Ensembles de cordons coaxiaux et de cordons pour fréquences radioélectriques
Partie 2-1: Spécification intermédiaire pour cordons coaxiaux souples
(CEI 60966-2-1:1991/A1:1997)

Konfektionierte Koaxial- und Hochfrequenz-Kabel
Teil 2-1: Rahmenspezifikation für flexible konfektionierte Koaxialkabel
(IEC 60966-2-1:1991/A1:1997)

This amendment A1 modifies the European Standard EN 60966-2-1:1995; it was approved by CENELEC on 1997-10-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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 text of document 46A/287/FDIS, future amendment 1 to IEC 60966-2-1:1991, prepared by SC 46A, Coaxial cables, of IEC TC 46, Cables, wires, waveguides, R.F. connectors, and accessories for communication and signalling, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 60966-2-1:1995 on 1997-10-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1998-07-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1998-07-01

Endorsement notice

The text of amendment 1:1997 to the International Standard IEC 60966-2-1:1991 was approved by CENELEC as an amendment to the European Standard without any modification.

NORME INTERNATIONALE

INTERNATIONAL STANDARD

CEI
IEC
60966-2-1

1991

AMENDEMENT 1
AMENDMENT 1

1997-08

Amendement 1

Ensembles de cordons coaxiaux et de cordons pour fréquences radioélectriques –

Partie 2-1: Spécification intermédiaire pour cordons coaxiaux souples

Amendment 1

Radio frequency and coaxial cable assemblies –

Part 2-1: Sectional specification for flexible coaxial cable assemblies

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CODE PRIX
PRICE CODE G

Pour prix, voir catalogue en vigueur
For price, see current catalogue

FOREWORD

This amendment has been prepared by subcommittee 46A: Coaxial cables, of IEC technical committee 46: Cables, wires, waveguides, r.f. connectors, and accessories for communication and signalling.

The text of this amendment is based on the following documents:

FDIS	Report on voting
46A/287/FDIS	46A/296/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

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3 Related documents

Add to the list the title of the following standard:

IEC 60966-1: 1995, Amendment 2.

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13.4 *Capability approval procedures*

Replace the text of this subclause by the following:

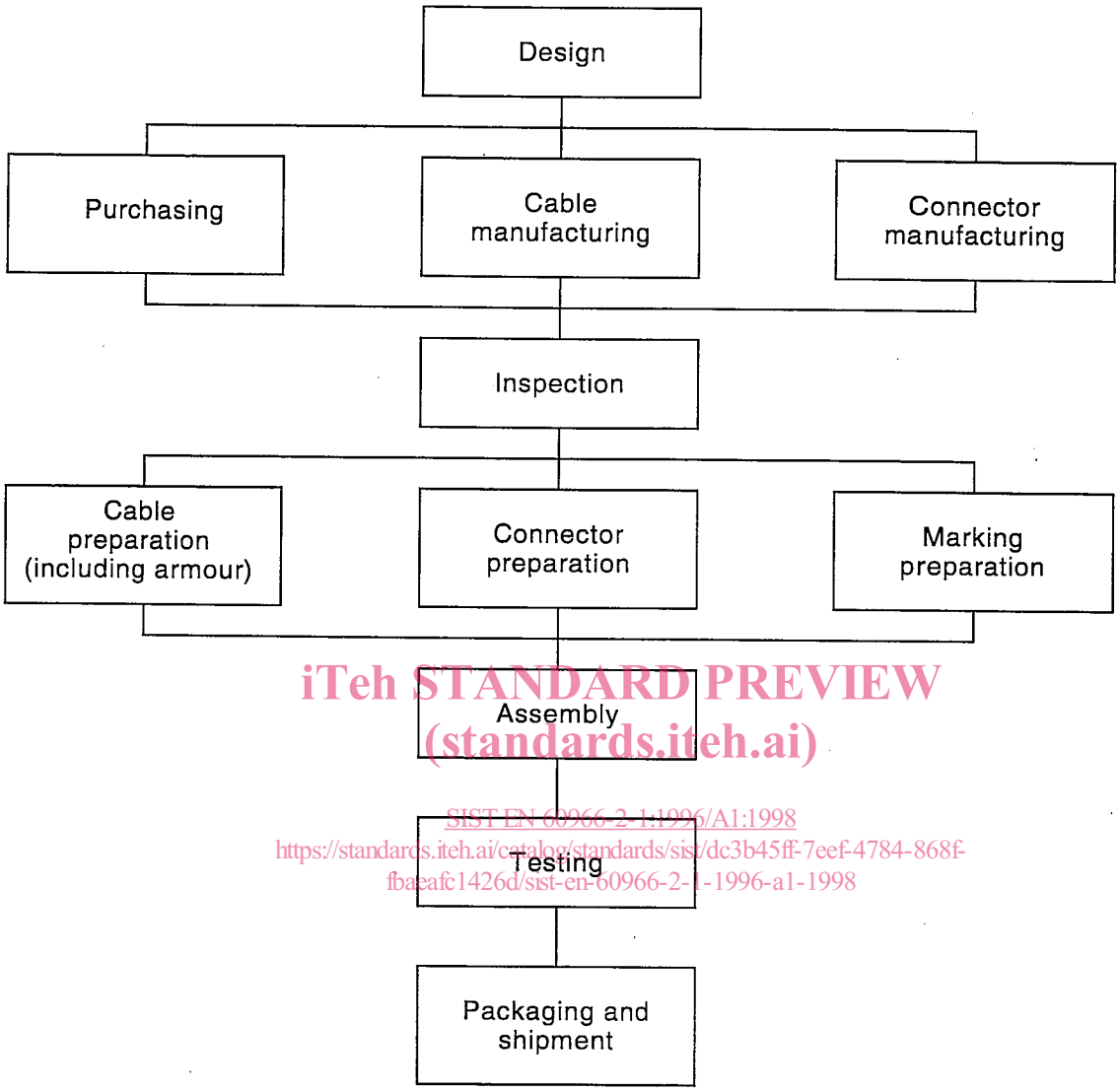
13.4.1 *Introduction*

The purpose of the subclauses below is to give some guidance for the choice of CQCs.

The guidance is given by an example flow chart with applicable CQCs for processes and boundaries.

The actual CQCs used shall be specified in the CM (see IEC 60966-1 annex G).

13.4.2 *Example production flow chart for a flexible cable assembly*



13.4.3 *Assignment of CQCs*

Design	The design shall lie within the boundaries which are verified by the boundary CQCs.	
Purchasing	Verified by audits against ISO 9000, chapter IV,6.	
Cable manufacturing	CQCs according to the relevant cable specification.	
Connector manufacturing	CQCs according to the relevant connector specification.	
Inspection	CQC No. aaa	Right-angle connector.
	CQC No. bbb	Highest frequency cable.
	CQC No. ccc	Piece parts.
Cable preparation	CQC No. ddd	
Connector preparation	CQC No. eee	
Marking preparation	CQC No. fff	
Assembling	Inner conductor	Process CQC No. ggg (soldering, crimping, clamping)
	Outer conductor	Process CQC No. hhh (soldering, crimping, clamping)
	Additional armour	Verified by boundary CQCs
Final testing	Verified by audits against ISO 9000 and measurements on boundary CQCs.	
Packaging and shipment	Verified by audits against ISO 9000, chapter IV, 15.	

13.4.4 *Purpose of boundary CQCs*

The purpose of boundary CQCs is, together, to give evidence of the claimed boundaries against the subclauses in table 1 and any other claimed characteristics.

The choice of CQCs shall take into account the interdependence of characteristics.

CQC No. aaa

The purpose of this CQC is to demonstrate the ability of the manufacturer to achieve inspections on the connectors if they are not purchased with a compliance certificate against either a capability approval or a qualification approval.

The CQC consists of the smallest right-angle connector for a cable assembly within the limits of the capability approval.

Recommended test schedule for CQC No. aaa

Periodicity 1 year

- *Dimensional inspection*
- *Surface finish (nature, thickness)*
- *Inner conductor retention*

CQC No. bbb

The purpose of this CQC is to demonstrate the ability of the manufacturer to achieve inspection on the cables if they are not purchased with a compliance certificate against either a capability approval or a qualification approval.

This CQC consists of a standard length or the maximum length permitted for measurements of the characteristics to the highest frequency limits declared in the CM.

Recommended test schedule for CQC No. bbb

Periodicity 1 year

- *Characteristic impedance*
- *Return loss*
- *Attenuation*
- *Dimensional inspection*