SVENSK STANDARD SS-EN 60966-3-2

Fastställd	Utgåva	Sida	Ansvarig kommitté
2003-12-15	2	1 (1+10)	SEK TK 46

Koaxialkablar för högfrekvens med påmonterade anslutningsdon – Del 3-2: Detaljspecifikation för halvböjliga koaxialkablar med påmonterade anslutningsdon för GSM

Radio frequency and coaxial cable assemblies –
Part 3-2: Detail specification for semi-flexible coaxial cable assemblies for GSM use (0,8 GHz - 1 GHz)

Som svensk standard gäller europastandarden EN 60966-3-2:2003. Den svenska standarden innehåller den officiella engelska språkversionen av EN 60966-3-2:2003.

Nationellt förord

Europastandarden EN 60966-3-2:2003*)

består av:

– **europastandardens ikraftsättningsdokument,** utarbetat inom CENELEC
– **IEC 60966-3-2, Second edition, 2003 - Radio frequency and coaxial cable assemblies - Part 3-2: Detail specification for semi-flexible coaxial cable assemblies for GSM use (0,8 GHz - 1 GHz)**

utarbetad inom International Electrotechnical Commission, IEC.

Standarden ska användas tillsammans med SS-EN 60966-1, utgåva 2, 1999 och SS-EN 60966-3, utgåva 2, 2003 och SS-EN 60966-3-1, utgåva 2, 2003.

Tidigare fastställd svensk standard SS-EN 60966-3-2, utgåva 1, 1999.

*) EN 60966-3-2:2003 ikraftsattes 2003-12-15 som SS-EN 60966-3-2 genom offentliggörande, d v s utan utgivning av något svenskt dokument.

ICS 33.120.10

Denna standard är fastställd av SEK Svensk Elstandard,
som också kan lämna upplysningar om **sakinnehållet** i standarden.
Postadress: Box 1284, 164 29 KISTA
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Det finns många fördelar med att ha gemensamma tekniska regler för bl a mätning, säkerhet och provning och för utförande, skötsel och dokumentation av elprodukter och elanläggningar.

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Stora delar av arbetet sker internationellt

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Du som vill dra nytta av dessa möjligheter är välkommen att kontakta SEKs kansli för mer information.

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EUROPEAN STANDARD **EN 60966-3-2**

NORME EUROPÉENNE

EUROPÄISCHE NORM October 2003

ICS 33.120.10 Supersedes EN 60966-3-2:1999

English version

Radio frequency and coaxial cable assemblies Part 3-2: Detail specification for semi-flexible coaxial cable assemblies for GSM use (0,8 GHz - 1 GHz)

(IEC 60966-3-2:2003)

Ensembles de cordons coaxiaux et de cordons pour fréquences radioélectriques
Partie 3-2: Spécification particulière pour cordons coaxiaux semi-flexibles pour applications GSM (0,8 GHz - 1 GHz)
(CEI 60966-3-2:2003)

Konfektionierte Koaxial- und Hochfrequenzkabel
Teil 3-2: Bauartspezifikation für halbflexible konfektionierte Koaxialkabel für GSM-Anwendungen (0,8 GHz - 1 GHz)
(IEC 60966-3-2:2003)

This European Standard was approved by CENELEC on 2003-10-01. 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, Hungary, Iceland, Ireland, Italy, Lithuania, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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 60966-3-2:2003 E

SEK Svensk Elstandard

Foreword

The text of document 46A/550/FDIS, future edition 2 of IEC 60966-3-2, prepared by SC 46A, Coaxial cables, of IEC TC 46, Cables, wires, waveguides, r.f. connectors, r.f. and microwave passive components and accessories, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60966-3-2 on 2003-10-01.

This European Standard supersedes EN 60966-3-2:1999.

The major change with respect to EN 60966-3-2:2003 is the reference to the 1999 edition of the generic specification EN 60966-1.

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) 2004-07-01

– latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2006-10-01

This detail specification is to be read with EN 60966-1:1999, *Radio frequency and coaxial cable assemblies – Part 1: Generic specification - General requirements and test methods*, with EN 60966-3:2003, *Radio frequency and coaxial cable assemblies – Part 3: Sectional specification for semi-flexible coaxial cable assemblies* and with EN 60966-3-1:2003, *Radio frequency and coaxial cable assemblies – Part 3-1: Blank detail specification for semi-flexible coaxial cable assemblies.*

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative
Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 60966-3-2:2003 was approved by CENELEC as a European Standard without any modification.

In the official version, add the following note at the end:

NOTE IEC 60169-4:1975 is harmonized as HD 134.4 S2:1977.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

RADIO FREQUENCY AND COAXIAL CABLE ASSEMBLIES –

Part 3-2: Detail specification for semi-flexible coaxial cable assemblies for GSM use (0,8 GHz – 1 GHz)

FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, and Guides (hereafter referred to as “IEC Publication(s)”). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60966-3-2 has been prepared by subcommittee 46A: Coaxial cables, of IEC technical committee 46: Cables, wires, waveguides, r.f. connectors r.f. and microwave passive components and accessories .

This second edition cancels and replaces the first edition published in 1996 and constitutes a technical revision.

The major changes with respect to the first edition is the reference to the second edition of the generic specification.

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

FDIS	Report on voting
46A/550/FDIS	46A/566/RVD

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

This detail specification is to be read with IEC 60966-1:1999, *Radio frequency and coaxial cable assemblies – Part 1: Generic specification – General requirements and test methods,* with IEC 60966-3:2003, *Radio frequency and coaxial cable assemblies – Part 3: Sectional specification for semi-flexible coaxial cable assemblies* and with IEC 60966-3-1:2003, *Radio frequency and coaxial cable assemblies – Part 3-1: Blank detail specification for semi-flexible coaxial cable assemblies.*

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until 2008. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

INTRODUCTION

This part of IEC 60966 is a detail specification that relates to the subfamily of coaxial cables and connector assemblies operating in the frequency range of GSM (0,8 GHz to 1 GHz). They are designed with a cable having a diameter of 13 mm and connectors from IEC 60169-4 (type 7-16).

This detail specification gives subfamily requirements and severities which should be applied.

Under Qualification Approval, the qualification will be conducted in accordance with 12.2 of IEC 60966-3 taking into account the specified variants. Only the tests whose results might depend on the variants will be repeated

Under Capability Approval, the qualification will be conducted on the relating CQCs as defined in 12.3 of IEC 60966-3 and described in the CM. Unless otherwise specified in the CM, only lot-by-lot tests from groups Ba and Eb will be conducted on delivered products; all other tests will be performed on CQCs as defined in 12.3 of IEC 60966-3 and described in the CM.

Reference document:

IEC 60169-4:1975, *Radio-frequency connectors – Part 4: RF coaxial connectors with inner diameter of outer conductor 16 mm (0,63 in) with screw lock – Characteristic impedance 50 ohms (type 7-16)*