



SLOVENSKI STANDARD

SIST HD 624.0 S1:1999

01-maj-1999

Materials used in communication cables - Part 0: General

Materials used in communication cables -- Part 0: General

Werkstoffe für Kommunikationskabel -- Teil 0: Allgemeines

Matériaux utilisés dans les câbles de communication -- Partie 0: Généralités

Ta slovenski standard je istoveten z: **HD 624.0 S1:1999**

[SIST HD 624.0 S1:1999](https://standards.iteh.ai/catalog/standards/sist/d19c4586-0545-498d-9160-bad4fb90f01c/sist-hd-624-0-s1-1999)

<https://standards.iteh.ai/catalog/standards/sist/d19c4586-0545-498d-9160-bad4fb90f01c/sist-hd-624-0-s1-1999>

ICS:

29.035.01	Izolacijski materiali na splošno	Insulating materials in general
33.120.10	Koaksialni kabli. Valovodi	Coaxial cables. Waveguides

SIST HD 624.0 S1:1999

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST HD 624.0 S1:1999

<https://standards.iteh.ai/catalog/standards/sist/d19c4586-0545-498d-9160-bad4fb90f01c/sist-hd-624-0-s1-1999>

HARMONIZATION DOCUMENT
DOCUMENT D'HARMONISATION
HARMONISIERUNGSDOKUMENT

HD 624.0 S1

November 1997

English version

**Materials used in communication cables
Part 0: General**

Matériaux utilisés dans les câbles de
communication
Partie 0: Généralités

Werkstoffe für Kommunikationskabel
Teil 0: Allgemeines

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

SIST HD 624.0 S1:1999

<https://standards.iteh.ai/catalog/standards/sist/d19c4586-0545-498d-1997-07-01>

This Harmonization Document 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 implementation of this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning such national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, 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

This Harmonization Document was prepared by Technical Committee CENELEC TC 46X, Communication cables.

Following a CLC/TC 46X decision during its meeting on 1996-09-26, the text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as HD 624.0 S2 on 1997-07-01.

The following dates were fixed:

- latest date by which the existence of the HD has to be announced at national level (doa) 1997-12-01
- latest date by which the HD has to be implemented at national level by publication of a harmonized national standard or by endorsement (dop) 1998-06-01
- latest date by which the national standards conflicting with the HD have to be withdrawn (dow) 1998-06-01

This document forms part of a series of standards on materials used in communication cables which will include the following parts:

- Part 0: General
- Part 1: PVC insulation compounds
- Part 2: PVC sheathing compounds
- Part 3: PE insulation
- Part 4: PE sheathing
- Part 5: Polypropylen insulation compounds
- Part 6: Halogen free flame retardant insulation compounds
- Part 7: Halogen free flame retardant thermoplastic sheathing compound
- Part 8: Filling compounds for filled cables
- Part 9: Cross-linked PE insulation compounds

The different parts include specific requirements for communication cables; common characteristics are aligned as far as possible on existing Harmonization Documents, if any, and in as far as these may apply to communication cables.

1 Definition

1.1 Maximum rated temperature

The "maximum rated temperature" given in the material specification (HD 624 series) is the maximum permissible temperature to which the cable material may be subjected during storage, transport, installation and occasionally during operation of the Communication cables, as stated in the relevant cable specification.

2 Rounding rules

Any requirement in the specification shall be expressed with the appropriate number of decimal places, relevant to the desired accuracy for the actual considered characteristic.

The results of measurement shall be rounded at the same number of decimal places as in the requirement.

The method of rounding shall be as follows:

If the 1st figure to be retained is followed, before rounding by 0, 1, 2, 3 or 4, it shall remain unchanged (rounding down).

If the last figure to be retained is followed, before rounding by 5, 6, 7, 8 or 9, it shall be increased by one (rounding up).

Examples:

2,449	2,45	rounded to two decimal places
	2,4	rounded to one decimal place
25,0478	25,048	rounded to three decimal places
	25,05	rounded to two decimal places
	25,0	rounded to one decimal place

SIST HD 624.0 S1:1999
<https://standards.iteh.ai/catalog/standards/sist/d19c4586-0545-498d-9160-bad4fb90f01c/sist-hd-624-0-s1-1999>