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Project No. 2020/02827

Responsible committee: EPL/46 Cables, wires and waveguides, radio frequency connectors and accessories for communication and signalling

Interested committees:

Title: Draft BS IEC 61196-9-2 Coaxial communication cables. - Part 9-2: Detail specification for 50-0,4 type RF flexible cables.

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

- i) has any issues related to 3rd party IPR, patent or copyright
- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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This draft is issued to allow comments from interested parties; all comments will be given consideration prior to publication. No acknowledgement will normally be sent. **See overleaf for information on the submission of comments.**

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/Figure/ Table/Note	Type of comment	Commend (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



46A/1455/CD

COMMITTEE DRAFT (CD)

PROJECT NUMBER: IEC 61196-9-2 ED1	
DATE OF CIRCULATION: 2020-12-04	CLOSING DATE FOR COMMENTS: 2021-02-26
SUPERSEDES DOCUMENTS: 46A/1426/NP, 46A/1441A/RVN	

IEC SC 46A : COAXIAL CABLES	
SECRETARIAT: Germany	SECRETARY: Mr Bernhard Mund
OF INTEREST TO THE FOLLOWING COMMITTEES: TC 46, SC 46C, SC 46F	PROPOSED HORIZONTAL STANDARD: ☐ Other TC/SCs are requested to indicate their interest, if any, in this CD to the secretary.
FUNCTIONS CONCERNED: ☐ EMC ☐ ENVIRONMENT ☐ QUALITY ASSURANCE ☐ SAFETY	

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

TITLE:

Coaxial communication cables - Part 9-2: Detail specification for 50-0,4 type RF flexible cables

NOTE FROM TC/SC OFFICERS:

Comments were discussed and agreed during the virtual meeting of SC 46A/WG3 on 27th October 2020

COAXIAL COMMUNICATION CABLES –

Part 9-2: Detail specification for 50-0,4 type RF flexible cables operating at 5 MHz - 6 000 MHz

1 Scope

This part of IEC 61196 applies to coaxial communication cables described in IEC 61196-9. It specifies the requirements for 50-0,4 type RF flexible cables. These cables are used in router, notebook computer, mobile phone or other electronics. The operating frequency is from 5 MHz to 6000 MHz.

This part of IEC 61196 is to be used in conjunction with IEC 61196-1:2005 and IEC 61196-9:2014. It determines the layout and style with respect to the model and type.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

Note: Documents which are needed to achieve the tests according to Clause 3, item [8] or item [9], respectively, are listed in IEC 61196-9.

IEC 60068-2-20:2008, *Environmental testing - Part 2-20: Tests - Test T: Test methods for solderability and resistance to soldering heat of devices with leads*

IEC 61196-1:2005, *Coaxial communication cables – Part 1: Generic specification – General, Definitions and requirements*

IEC 61196-9:2014, *Coaxial communication cables –Part 9: Sectional specification for RF flexible cables*

IEC 61196-1-115:2006, *Coaxial communication cables – Part 1-115: Electrical test methods –Test for regularity of impedance (pulse/step function return loss)*

IEC 61196-1-314:2015, *Coaxial communication cables – Part 1-314: Mechanical test methods –Test for bending*

3 Terms and definitions

For the purposes of this document, the terms and definitions of IEC 61196-1 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>