



BSI Standards Publication

Radio-frequency connectors

Part 1-4: Electrical test methods — Voltage standing wave ratio, return loss and reflection coefficient

National foreword

This British Standard is the UK implementation of EN IEC 61169-1-4:2020. It is identical to IEC 61169-1-4:2020.

The UK participation in its preparation was entrusted to Technical Committee EPL/46, Cables, wires and waveguides, radio frequency connectors and accessories for communication and signalling.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Radio-frequency connectors - Part 1-4: Electrical test methods -
Voltage standing wave ratio, return loss and reflection coefficient
(IEC 61169-1-4:2020)

Connecteurs pour fréquences radioélectriques - Partie 1-4 :
Méthodes d'essai électriques - Rapport d'ondes
stationnaires en tension, affaiblissement de réflexion et
coefficient de réflexion
(IEC 61169-1-4:2020)

Hochfrequenz-Steckverbinder - Teil 1-4: Elektrische
Prüfverfahren - Spannungstehwellenverhältnis,
Rückflussdämpfung und Reflexionskoeffizient
(IEC 61169-1-4:2020)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 46F/505/FDIS, future edition 1 of IEC 61169-1-4, prepared by SC 46F "RF and microwave passive components" of IEC/TC 46 "Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61169-1-4:2020.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2021-05-12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-08-12

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Endorsement notice

The text of the International Standard IEC 61169-1-4:2020 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61169-1	-	Radio frequency connectors - Part 1: Generic specification - General requirements and measuring methods	EN 61169-1	-

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