

# INTERNATIONAL STANDARD

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Radio frequency and coaxial cable assemblies -  
Part 2-8: Detail specification for cable assemblies for radio and TV receivers -  
Frequency range up to 3 000 MHz, screening class A++, IEC 61169-47  
connectors

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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TV receivers - Frequency range up to 3 000 MHz, screening class A++,  
IEC 61169-47 connectors**

FOREWORD

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IEC 60966-2-8 has been prepared by IEC technical committee 46: Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories. It is an International Standard.

This second edition cancels and replaces the first edition published in 2022. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) in item [5], drawing expanded by right angled connectors;
- b) in item [12], female F-connectors cancelled (not standardized by IEC 61169-47);
- c) in item [14] Reflection properties (return loss): different values for straight and right-angled connectors;
- d) in item [14] Insertion loss: different factors for insertion loss calculation for straight and right-angled connectors;
- e) in item [14] Loop resistance: loop resistance was set to 1  $\Omega$  max. value for the complete length.

The text of this International Standard is based on the following documents:

Draft	Report on voting
46/1023/CDV	46/1050/RVC

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](https://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](https://www.iec.ch/publications).

A list of all parts in the IEC 60966 series, published under the general title *Radio frequency and coaxial cable assemblies*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under [webstore.iec.ch](https://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.