

INTERNATIONAL STANDARD

ISO
2574

Second edition
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Aircraft — Electrical cables — Identification marking

Aéronefs — Câbles électriques — Marquage d'identification



Reference number
ISO 2574:1994(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 2574 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Sub-Committee SC 1, *Aerospace electrical requirements*.

This second edition cancels and replaces the first edition (ISO 2574:1974), of which it constitutes a technical revision.

Aircraft — Electrical cables — Identification marking

1 Scope

This International Standard specifies the way in which single-core, multi-core and coaxial cables used in the wiring of aircraft are to be marked as to type, size, origin, date, etc. in order to facilitate servicing, the investigation of faults and replacement, when necessary, with an equivalent cable. It also specifies the approved methods for the marking of cores. This International Standard supplements those relating to marking that already exist. It allows for the codification of manufacturer's identities by individual countries.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 3166:1993, *Codes for the representation of names of countries*.

3 Identification of cable

3.1 Because of variation in requirements for cable coverings, the minimum size of cable that can be marked will depend upon the overall diameter and should be stated in the national individual cable specification.

The marking shall consist of a legend printed in green or in a contrasting colour to that of the covering, using characters of the size required by the national standard, repeated at intervals of 300 mm \pm 50 mm, and containing the following information:

- name of cable or number of specification/standard, type and size (as specified in table 1);
- country of origin in accordance with the alpha-2 code specified in ISO 3166;
- manufacturer (one-letter code) in accordance with a code prepared by the standards organization in the country of origin;
- year of manufacture (one- or two-letter code) as specified in table 2.