

Nickel-chromium and nickel-aluminium thermocouple extension cables for aircraft —

Part 1: Specification for conductors

[ISO title: Aircraft — Nickel-chromium and nickel-aluminium
thermocouple extension cables — Part 1: Conductors — General
requirements and tests]

UDC 629.7:621.315.2 – 034.245:621.362.1

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Aerospace Standards Committee (ACE/-) to Technical Committee ACE/6 upon which the following bodies were represented:

- BEAMA Ltd.
- British Rubber Manufacturers' Association
- Civil Aviation Authority
- Electric Cable Makers' Confederation
- Electronic Components Industry Federation
- Electronic Engineering Association
- Ministry of Defence
- National Supervising Inspectorate
- Society of British Aerospace Companies Limited

This British Standard, having been prepared under the direction of the Aerospace Standards Committee, was published under the authority of the Board of BSI and comes into effect on 31 December 1985

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The following BSI references relate to the work on this standard:
Committee reference ACE/6
Draft for comment 84/72756 DC

ISBN 0 580 14848 3

Amendments issued since publication

Amd. No.	Date of issue	Comments

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
1 Scope and field of application	1
2 References	1
3 Conductor materials	1
4 Conductor construction	1
5 Tests	1
Annex Methods for determining thermo-e.m.f. of conductor wires against platinum	3
Figure 1 — E.M.F. measurement by method of direct comparison against platinum	5
Figure 2 — E.M.F. measurement by method using a substandard	6
Table 1 — Details of nickel-chromium and nickel-aluminium conductors	2
Table 2 — Thermo-electric characteristics of nickel-chromium and nickel-aluminium conductors against platinum	2
Table 3 — D.C. resistances of nickel-chromium and nickel-aluminium	2
Publications referred to	Inside back cover

National foreword

This British Standard, has been prepared under the direction of the Aerospace Standards Committee. It is identical with ISO 8056-1:1975 “*Aircraft — Nickel-chromium and nickel-aluminium thermocouple extension cables — Part 1: Conductors — General requirements and tests*” published by the International Organization for Standardization (ISO). It supersedes British Standard G 215:1972 which is withdrawn, and takes account of international agreement by Technical Committee ISO/TC 20 in relation to the requirements of nickel-chromium and nickel-aluminium thermocouple extension cables for aircraft. This standard is restricted to the requirements for the conductors for the cables whereas British Standard G 215:1972 used to cover the conductor and the insulation requirements for the complete cables. It is intended to cover the complete cable requirements by amendments to the British Standard Aerospace cable standards using this standard as a cross-reference to cover the conductors for thermocouple extension cables.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Where the words “part of ISO 8056” appear, referring to this standard, they should be read as “Part of British Standard 2G 215”.

Cross-references

International Standard	Corresponding British Standard
IEC Publication 564:1977	BS 5764:1979 <i>Specification for d.c. bridges for measuring resistance</i> (Identical)

IPTS68 International Practical Temperature Scale of 1968 is obtainable from HMSO.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.