

Australian Standard[®]

**Data storage and transfer media—
Data interchange on 90 mm
diskettes using modified frequency
modulation recording at 15 916
ftprad, on 20 tracks on each side**

Part 2: Track format

This Australian Standard was prepared by Committee IT/10, Information Systems—Equipment. It was approved on behalf of the Council of Standards Australia on 9 January 1990 and published on 11 June 1990.

The following interests are represented on Committee IT/10:

Australian Bankers' Association
Australian Information Industries Association
La Trobe University
Interface Developers
Media Manufacturers

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PREFACE

This Standard was prepared by the Standards Australia Committee on Information Systems—Equipment. It is identical with, and has been reproduced from International Standard ISO/IEC 9529—2:1989 *Information processing systems—Data interchange on 90 mm (3,5 in) flexible disk cartridge using modified frequency modulation recording at 15 916 ftprad, on 80 tracks on each side—Part 2: Track format*.

For the purpose of this Australian Standard, the text of the ISO Standard should be modified as follows:

- (a) *Terminology*—The words ‘Australian Standard’ should replace the words ‘International Standard’ wherever they apply.
- (b) *References*—The references to International Standards should be replaced by references to Australian Standards as follows:

| <i>International Standard</i> | <i>Australian Standard</i> |
|--|--|
| ISO | AS |
| 646 Information processing—ISO 7-bit coded character set for information interchange | 1776 Information processing—ISO 7-bit coded character set for information interchange |
| 2022 Information processing—ISO 7-bit and 8-bit coded character sets—Code extension techniques | 1953 Information processing—ISO 7-bit and 8-bit coded character sets—Code techniques |
| 6429 Additional control functions for (7-bit and 8-bit coded) character-sets | 2761 Information processing 7-bit and 8-bit coded) character-sets—Additional control functions for character-imaging devices |

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STANDARDS AUSTRALIA

Australian Standard
Data storage and transfer media—Data interchange on 90 mm diskettes
using modified frequency modulation recording at 15 916 ftprad,
on 80 tracks on each side

Part 2—Track format

1 Scope

This part of ISO/IEC 9529 specifies the track layout, the track format and the characteristics of the recorded signals.

NOTE - Numeric values in the SI and/or Imperial measurement system in this part of ISO/IEC 9529 may have been rounded off and therefore are consistent with, but not exactly equal to, each other. Either system may be used, but the two should be neither intermixed nor reconverted. The original design was made using SI units.

2 Conformance

A 90 mm (3,5 in) flexible disk cartridge is in conformance with this Part of ISO/IEC 9529 if it meets all mandatory requirements specified herein.

A prerequisite for conformance with this part of ISO/IEC 9529 is conformance with ISO/IEC 9529-1.

3 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC 9529. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO/IEC 9529 are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

- ISO 646:1983, *Information processing - ISO 7-bit coded character set for information interchange.*
- ISO 2022:1986, *Information processing - ISO 7-bit and 8-bit coded character sets - Code extension techniques.*
- ISO 4873:1986, *Information processing - ISO 8-bit code for information interchange - Structure and rules for implementation.*
- ISO 6429:1988, *Additional control functions for (7-bit and 8-bit coded) character-sets.*
- ISO 8859:1987, *Information processing - 8-bit single-byte coded graphic character sets.*
- ISO 9293:1987, *Information processing - Volume and file structure of flexible disk cartridges for information interchange.*