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NSAI Standards

Irish Standard
I.S. EN 3375-002:2012

Aerospace series - Cable, electrical, for digital data transmission - Part 002: General

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I.S. EN 3375-002:2012

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 3375-002

February 2012

ICS 49.060

English Version

Aerospace series - Cable, electrical, for digital data transmission - Part 002: General

Série aérospatiale - Câbles électriques pour transmission de données numériques - Partie 002: Généralités

Luft- und Raumfahrt - Elektrische Leitungen für Digitaldatenübertragungen - Teil 002: Allgemeines

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Foreword

This document (EN 3375-002:2012) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2012, and conflicting national standards shall be withdrawn at the latest by August 2012.

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1 Scope

This European Standard specifies the list of product standards and common characteristics of signal data transmission electrical cables for use in the on-board electrical systems of aircraft, at operating temperatures between
–65 °C and 150 °C or 200 °C or 260 °C (as specified in product standards).

2 Normative references

The following referenced documents are indispensable for the application 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.

EN 2083, *Aerospace series — Copper or copper alloys conductors for electrical cables — Product standard*

EN 3375-001, *Aerospace series — Cable, electrical, for digital data transmission — Part 001: Technical specification*

EN 3375-003, *Aerospace series — Cable, electrical, for digital data transmission — Part 003: Single braid —77 Ohms — Type KG — Product standard*

EN 3375-004, *Aerospace series — Cable, electrical, for digital data transmission — Part 004: Double braid — 77 Ohms — Type WJ — Product standard*

EN 3375-005, *Aerospace series — Cable, electrical, for digital data transmission — Part 005: Double braid + metallic layer — 77 Ohms — Type WV — Product standard*

EN 3375-006, *Aerospace series — Cable, electrical, for digital data transmission — Part 006: Single braid — 78 Ohms — Type XM — Product standard*

EN 3375-007, *Aerospace series — Cable, electrical, for digital data transmission — Part 007: Double braid — 77 Ohms — Type WW — Product standard*

EN 3375-008, *Aerospace series — Cable, electrical, for digital data transmission — Part 008: Single braid — Star Quad 100 Ohms — Type KD — Product standard*

EN 3375-009, *Aerospace series — Cable, electrical, for digital data transmission — Part 009: Single braid — CAN Bus — 120 Ohms — Type WX — Product standard*

EN 3375-010, *Aerospace series — Cable, electrical, for digital data transmission — Part 010: Single braid — CAN Bus — 100 Ohms — Type WF — Product standard* [1)]

EN 3375-011, *Aerospace series — Cable, electrical, for digital data transmission — Part 011: Single braid — Star Quad 100 Ohms — Lightweight — Type KL — Product standard* [1)]

EN 3375-012, *Aerospace series — Cable, electrical, for digital data transmission — Part 012: Single braid — Star Quad 100 Ohms — Fire resistant — Type KH — Product standard* [1)]

EN 3475-100, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 100: General*

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1) In study at the date of publication of this standard.

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