



BSI Standards Publication

Connectors for electronic equipment — Product requirements

Part 3-110: Detail specification for free and fixed connectors for data transmission with frequencies up to 3 000 MHz

National foreword

This British Standard is the UK implementation of EN 61076-3-110:2016. It is identical to IEC 61076-3-110:2016. It supersedes BS EN 61076-3-110:2012 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee EPL/48, Electromechanical components and mechanical structures for electronic equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

Connectors for electronic equipment - Product requirements -
Part 3-110: Detail specification for free and fixed connectors for
data transmission with frequencies up to 3 000 MHz
(IEC 61076-3-110:2016)

Connecteurs pour équipements électroniques - Exigences
de produit - Partie 3-110: Spécification particulière pour les
fiches et les embases pour la transmission de données à
des fréquences jusqu'à 3 000 MHz
(IEC 61076-3-110:2016)

Steckverbinder für elektronische Einrichtungen -
Produktanforderungen - Teil 3-110: Bauartspezifikation für
freie und feste Steckverbinder für Datenübertragungen bis 3
000 MHz
(IEC 61076-3-110:2016)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of document 48B/2496/FDIS, future edition 3 of IEC 61076-3-110, prepared by SC 48B "Electrical connectors" of IEC/TC 48 "Electrical connectors and mechanical structures for electrical and electronic equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61076-3-110:2016.

The following dates are fixed:

- latest date by which the document has to be (dop) 2017-07-04
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publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2019-10-04
standards conflicting with the
document have to be withdrawn

This document supersedes EN 61076-3-110:2012.

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Endorsement notice

The text of the International Standard IEC 61076-3-110:2016 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60068-2-38	NOTE	Harmonized as EN 60068-2-38.
IEC 60603-7-81:2015	NOTE	Harmonized as EN 60603-7-81:2016 (not modified).
IEC 61076 Series	NOTE	Harmonized as EN 61076 Series.
IEC 61076-3:2008	NOTE	Harmonized as EN 61076-3:2008 (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-1	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-
IEC 60512	Series	Connectors for electronic equipment - Tests and measurements	EN 60512	Series
IEC 60512-1	-	Connectors for electronic equipment - Tests and measurements - Part 1: General	EN 60512-1	-
IEC 60512-25-9	-	Connectors for electronic equipment - Tests and measurements - Part 25-9: Signal integrity tests - Test 25i: Alien crosstalk	EN 60512-25-9	-
IEC 60512-28-100	-	Connectors for electronic equipment - Tests and measurements - Part 28-100: Signal integrity tests up to 1 000 MHz on IEC 60603-7 and IEC 61076-3 series connectors - Tests 28a to 28g	EN 60512-28-100	-
IEC 60603-7	-	Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors	EN 60603-7	-
IEC 60603-7-1	-	Connectors for electronic equipment - Part 7-1: Detail specification for 8-way, shielded, free and fixed connectors	EN 60603-7-1	-
IEC 60603-7-7	2010	Connectors for electronic equipment - Part 7-7: Detail specification for 8-way, shielded, free and fixed connectors for data transmission with frequencies up to 600 MHz	EN 60603-7-7	2010
IEC 60603-7-71	-	Connectors for electronic equipment - Part 7-71: Detail specification for 8-way, shielded, free and fixed connectors, for data transmission with frequencies up to 1000 MHz	EN 60603-7-71	-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60603-7-82	2016	Connectors for electronic equipment - Part 7-82: Detail specification for 8-way, 12 contacts, shielded, free and fixed connectors, for data transmission with frequencies up to 2 000 MHz	EN 60603-7-82	201X ¹⁾
IEC 61076-1	-	Connectors for electronic equipment - Product requirements - Part 1: Generic specification	EN 61076-1	-
IEC 62153-4-15	2015	Metallic communication cable test methods - - Part 4-15: Electromagnetic compatibility (EMC) - Test method for measuring transfer impedance and screening attenuation - or coupling attenuation with triaxial cell		-

¹⁾ To be published.

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