

**Simplex and duplex cables to be used for cords - Part 1:
Blank Detail Specification and minimum requirements**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 50551-1:2011 sisaldab Euroopa standardi EN 50551-1:2011 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 28.02.2011 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 04.02.2011.

Standard on kättesaadav Eesti standardiorganisatsioonist.

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**Simplex and duplex cables to be used for cords -
Part 1: Blank Detail Specification and minimum requirements**

Câbles simplex et duplex destinés à être
utilisés en tant que cordons -
Partie 1: Spécification particulière cadre et
exigences minimales

Simplex und Duplex-Kabel, die in
konfektionierten Leitungen benutzt werden -
Teil 1: Vordruck für Bauartspezifikation und
Mindestanforderungen

This European Standard was approved by CENELEC on 2011-01-15. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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CENELEC

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

This European Standard was jointly prepared by the Technical Committee CENELEC TC 86A, Optical fibres and optical fibre cables, and the Technical Committee CENELEC TC 86BXA, Fibre optic interconnect, passive and connectorised components.

The text of the draft was submitted to the formal vote and was approved by CENELEC as EN 50551-1 on 2011-01-15.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

The following dates were fixed:

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| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2012-01-15 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2014-01-15 |
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1 Scope

This blank detail specification describes parameters that can be considered for terminating these simplex and duplex cables with connectors in different communication applications.

Product specifications may be prepared based on this blank detail specification following in particular requirements of Clauses 3 to 6.

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 60793-1-20	Optical fibres – Part 1-20: Measurement methods and test procedures – Fibre geometry (IEC 60793-1-20)
EN 60793-1-21	Optical fibres – Part 1-21: Measurement methods and test procedures – Coating geometry (IEC 60793-1-21)
EN 60793-1-40	Optical fibres – Part 1-40: Measurement methods and test procedures – Attenuation (IEC 60793-1-40)
EN 60793-1-41	Optical fibres – Part 1-41: Measurement methods and test procedures – Bandwidth (IEC 60793-1-41)
EN 60793-1-43	Optical fibres – Part 1-43: Measurement methods and test procedures – Numerical aperture (IEC 60793-1-43)
EN 60793-1-44	Optical fibres – Part 1-44: Measurement methods and test procedures – Cut-off wavelength (IEC 60793-1-44)
EN 60793-1-45	Optical fibres – Part 1-45: Measurement methods and test procedures – Mode field diameter (IEC 60793-1-45)
EN 60793-1-47	Optical fibres – Part 1-47: Measurement methods and test procedures – Macrobending loss (IEC 60793-1-47)
EN 60793-2-10	Optical fibres – Part 2-10: Product specifications – Sectional specification for category A1 multimode fibres (IEC 60793-2-10)
EN 60793-2-50	Optical fibres – Part 2-50: Product specifications – Sectional specification for class B single-mode fibres (IEC 60793-2-50)
EN 60794-1-1	Optical fibre cables – Part 1-1: Generic specification – General (IEC 60794-1-1)
EN 60794-1-2:2003	Optical fibre cables – Part 1-2: Generic specification – Basic optical cable test procedures (IEC 60794-1-2:2003)
EN 60794-2:2003	Optical fibre cables – Part 2: Indoor cables – Sectional specification (IEC 60794-2:2002)
EN 60794-2-50:2008	Optical fibre cables – Part 2-50: Indoor cables – Family specification for simplex and duplex cables for use in terminated cable assemblies (IEC 60794-2-50:2008)
EN 60811-1-1	Insulating and sheathing materials of electric and optical cables – Common test methods – Part 1-1: General application – Measurement of thickness and overall dimensions – Tests for determining the mechanical properties (IEC 60811-1-1)
IEC 60794-2-51 ¹⁾	Optical fibre cables – Part 2-51: Indoor optical fibre cables – Product specification for simplex and duplex cables for use in patchcords for controlled environment

¹⁾ At draft stage.