

<b>STN</b>	<b>Simplex a duplex káble na použitie v šnúrach</b> <b>Časť 1: Vzorová predmetová špecifikácia a</b> <b>minimálne požiadavky</b>	<b>STN</b> <b>EN 50551-1</b>  35 9225
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Simplex and duplex cables for use in terminated cable assemblies - Part 1: Blank Detail Specification and minimum requirements

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

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English Version

## Simplex and duplex cables for use in terminated cable assemblies - Part 1: Blank Detail Specification and minimum requirements

Câbles simplex et duplex utilisés dans des ensembles de câbles équipés - 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

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EN 50551-1:2019 (E)

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## European foreword

This document (EN 50551-1:2019) has been prepared by CLC/TC 86A "Optical fibres and optical fibre cables".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2020-02-18
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2022-02-18

This document supersedes EN 50551-1:2011.

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EN 50551-1:2019 (E)

## 1 Scope

This document describes parameters that can be considered for simplex and duplex optical fibre cables for use in terminated cable assemblies or for termination with optical fibre passive components.

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 documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 measurement (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 60794-1-20, *Optical fibre cables – Part 1-20: Generic specification – Basic optical cable test procedures - General and Definitions (IEC 60794-1-20)*

EN 60794-1-21, *Optical fibre cables – Part 1-21: Generic specification – Basic optical cable test procedures – Mechanical test methods (IEC 60794-1-21)*

EN 60794-1-22, *Optical fibre cables - Part 1-22: Generic specification - Basic optical cable test procedures - Environmental test methods (IEC 60794-1-22)*

EN 60794-1-23, *Optical fibre cables - Part 1-23: Generic specification - Basic optical cable test procedures – Cable element test methods (IEC 60794-1-23)*

EN 60794-2, *Optical fibre cables – Part 2: Indoor cables – Sectional specification ((IEC 60794-2)*

EN 60794-2-50, *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)*

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)*

EN 60794-2-51, *Optical fibre cables - Part 2-51: Indoor cables - Detail specification for simplex and duplex cables for use in cords for controlled environment (IEC 60794-2-51)*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**