



SLOVENSKI STANDARD

SIST EN 50173-10:2025

01-september-2025

Informacijska tehnologija - Osnovni kabelski sistemi - 10. del: Enoparični kabli

Information technology - Generic cabling systems - Part 10: Single pair cabling

Informationstechnik - Anwendungsneutrale Kommunikationskabelanlagen - Teil 10: Einpaarige Verkabelung

Technologies de l'information - Systèmes de câblage générique - Partie 10: Câblage mono-paire

Ta slovenski standard je istoveten z: **EN 50173-10:2025**

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**Information technology - Generic cabling systems - Part 10:
Single pair cabling**

Technologies de l'information - Systèmes de câblage
générique - Partie 10: Câblage mono-paire

Informationstechnik - Anwendungsneutrale
Kommunikationskabelanlagen - Teil 10: Einpaarige
Verkabelung

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European Committee for Electrotechnical Standardization
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EN 50173-10:2025 (E)**European foreword**

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conflicting with this document have to be
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Introduction

This document contains general requirements for generic 1-pair balanced cabling and supports the generic cabling approach of EN 50173-1.

It contains a compilation of balanced single pair channel requirements for 100 m reach and beyond together with the supporting cable and connecting hardware requirements based on:

- IEC 61156 series (ffs);
- EN IEC 63171 series.

For the mentioned balanced single pair channels remote power supply services are specified.

Balanced single pair channels and links specified in this document are not a replacement for the generic 4-pair channels in EN 50173-1. They are an additional media type intended for use in industrial automation networks (e.g. for sensors, actuators and controllers) and “intelligent buildings”.

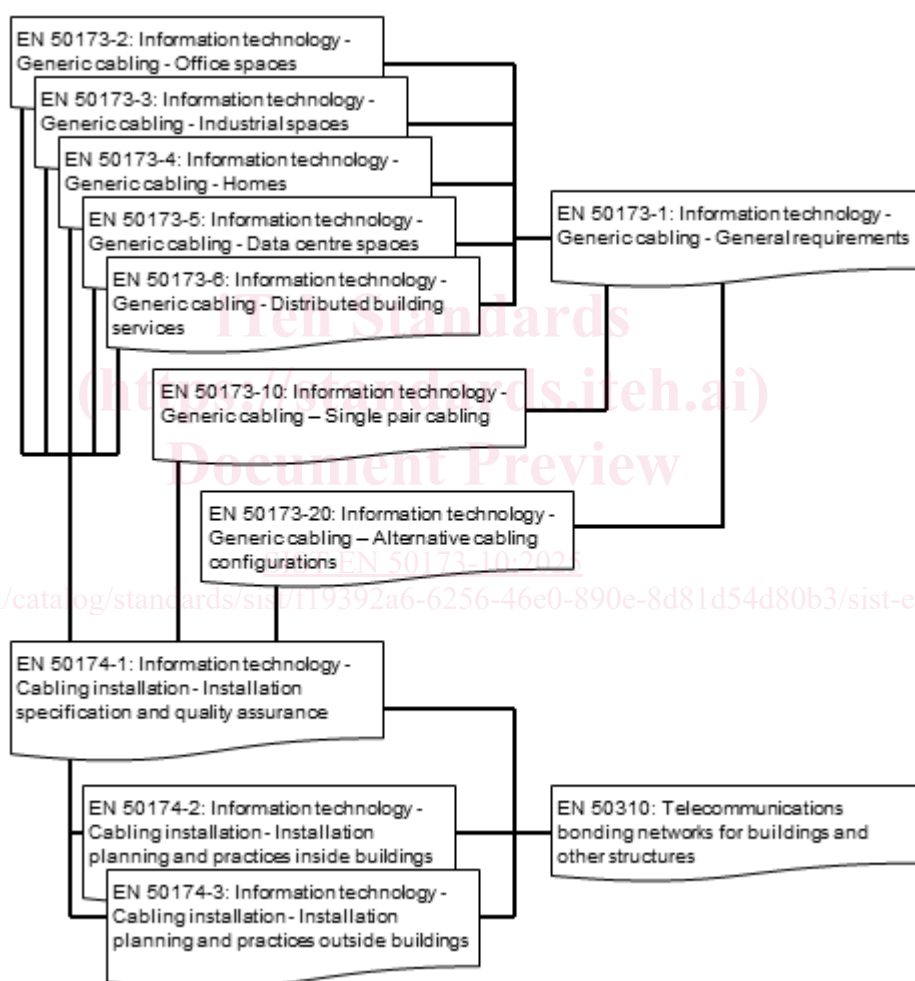


Figure 1 — Schematic relationship between the EN 50173 series and other relevant standards