

ICS 35.200
CCS L 65



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 34961.2-2024

Replacing GB/T 34961.2-2017

**Information technology - Implementation and operation of
customer premises cabling - Part 2: Planning and installation
(English Translation)**

Issued on: March 15, 2024

Implemented on: October 1, 2024

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is part 2 of GB/T 34961 "Implementation and operation of cabling in user buildings for information technology". GB/T 34961 has been the following parts have been published.

--- Part 1: Management;

--- Part 2: Planning and installation;

--- Part 3: Optical fiber cabling tests;

--- Part 4: Measurements on end-to-end (E2E) links, modular plug-terminated links (MPTLs) and direct connect cabling.

This document replaces GB/T 34961.2-2017 "Implementation and operation of cabling in user buildings of information technology Part 2: Planning and Compared with GB/T 34961.2-2017, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

--- Added the terms "access provider equipment space" (see 3.1.2), "automated infrastructure management system" (see 3.1.4), "closed Path system" (see 3.1.11), "incoming line room" (see 3.1.13), "external conductive parts" (see 3.1.14), "hot zone" (see 3.1.19), "multi-family building" (see 3.1.30), "open path system" (see 3.1.32), "open path system" (see 3.1.33), "Power supply cable" (see 3.1.36), "Power supply cabling" (see 3.1.37), "Remote power supply" (see 3.1.45), "Service provider" (see 3.1.49), "Service Provider Equipment Space" (see 3.1.50), "Telecommunications Equipment" (see 3.1.53), "Entrance Facilities" (see 3.1.55) and its definition;

--- Change the term "acceptance test (for installed cabling)" to "acceptance test" (see 3.1.1, 3.1.1 of the 2017 edition), "anchor pull "Anchor line" means "anchor line" (see 3.1.3, 3.1.2 of the 2017 edition), "cable bundle" means "cable bundle" (see 3.1.5, 3.1.5), "electrostatic discharge" means "electrostatic discharge" (see 3.1.12, 3.1.16 of the 2017 edition), "rack (rack)" means "floor-standing rack" (See 3.1.15, 3.1.19 of the 2017 edition), "Construction unit" means "Construction personnel" (See 3.1.21, 3.1.28 of the 2017 edition), "Junction box" is "junction box" (see 3.1.22, 3.1.30 of the 2017 edition), "manhole (telecommunications)" is "manhole" (see 3.1.24, 3.1.34 of the 2008 edition), "information technology metal cables (cabling)" are "metal telecommunications cables" and "metal telecommunications cabling" (see 3.1.25, 3.1.26, 3.1.37 of the 2017 edition), "Minimum bending radius (installation)" is "Minimum bending radius during installation" (see 3.1.27, 2017 version of 3.1.38), "Minimum bending radius (operating static)" is "Static minimum bending radius" (see 3.1.28, 2017 3.1.39 of the 2017 edition), "Minimum bending radius (operating dynamic)" is "Dynamic minimum bending radius" (see 3.1.29 of the 2017 edition 3.1.40), "non-distorted main grid power supply" is "non-distorted power supply" (see 3.1.31, 3.1.41 of the 2017 edition), "protective (grounding) conductor "Protective earth conductor" is "protective earth conductor" (see 3.1.40, 3.1.48 of the 2017 edition), "work order" is "work order" (see 3.1.56, Version 3.1.63);

--- Delete the terms "unbalanced voltage device" (see 3.1.3 of the 2017 edition), "connected network" (see 3.1.4 of the 2017 edition), "building "Entrance facilities" (see 3.1.6 of the 2017 edition), "Civil engineering works" (see 3.1.12 of the 2017 edition), "Shared connection network" (see 3.1.13 of the 2017 edition), "grounding electrode" (see 3.1.14 of the 2017 edition), "grounding conductor" (see 3.1.15 of the 2017 edition), "Electromagnetic interference" (see 3.1.17 of the 2017 edition), "Equipotential bonding" (see 3.1.18 of the 2017 edition), "Functional grounding conductor" (see 3.1.20 of the 2017 edition), "Impedance Matching Devices" (see 3.1.25 of the 2017 edition), "Information Technology (Telecommunications)" (see 2017 edition), "information technology equipment" (see 3.1.27 of the 2017 edition), "isolated network" (see 3.1.29), "Local wiring space" (see 3.1.32 of the 2017 edition), "Main grounding terminal" (see 3.1.33 of the 2017 edition), "Network "Connected network" (see 3.1.35 of the 2017 edition), "satisfied by design" (see 3.1.36 of the 2017 edition), "parallel grounding conductor" (see 3.1.42 of the 2017 edition), "PEN conductor" (see 3.1.45 of the 2017 edition), "Stage 1" (see 3.1.58), "Phase 2" (see 3.1.59