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STN	**Generické káblové systémy. Špecifikácia ku skúšaniu symetrických komunikačných káblových rozvodov podľa EN 50173-4. Tienené priame prepájacie šnúry a priame šnúry na pracovisku pre aplikácie triedy E - podrobná špecifikácia.**	**STN EN 50603** 34 7040

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English version

Generic cabling systems - Specification for the testing of balanced communication cabling in accordance with EN 50173-4 - Screened straight patch cords and straight work area cords for class E applications - Detail specification

Systèmes de câblage générique - Spécification relative aux essais de câblage de télécommunications symétriques selon l'EN 50173-4 – Cordons droits de brassage et cordons droits de zone de travail écrantés pour les applications de classe E - Spécification particulière

Anwendungsneutrale Kommunikationsverkabelung - Spezifikation zur Prüfung der symmetrischen Kommunikationsverkabelung nach EN 50173-4 - Geschirmte gerade Schnüre und Geräteanschlusskabel für Anwendungen der Klasse E - Bauartspezifikation

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CENELEC

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Foreword

This document (EN 50603:2014) has been prepared by CLC/TC 46X "Communication 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)	2014-09-23
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	2016-09-23

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1 Scope

This detail specification describes straight screened patch cords and patch cords and application-specific cords enabling the construction of Class E channels as defined in the EN 50173 series of standards.

This detail specification describes cords of which the transmission characteristics are up to 250 MHz for digital communication. The test configuration is detailed in EN 61935-2.

2 Normative references

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.

EN 50173-4, *Information technology — Generic cabling systems — Part 4: Homes*

EN 50288-1, *Multi-element metallic cables used in analogue and digital communication and control — Part 1: Generic specification*

EN 50288-5-2, *Multi-element metallic cables used in analogue and digital communication and control — Part 5-2: Sectional specification for screened cables characterised up to 250 MHz — Work area and patch cord cables*

EN 50289-1-13, *Communication cables — Specifications for test methods — Part 1-13: Electrical test methods — Coupling attenuation or screening attenuation of patch cords / coaxial cable assemblies / pre-connectorised cables*

EN 50289-4-17, *Communication cables — Specifications for test methods — Part 4-17: Test methods for UV resistance evaluation of the sheath of electrical and optical fibre cable*

EN 60603-7-5, *Connectors for electronic equipment — Part 7-5: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 250 MHz (IEC 60603-7-5)*

EN 60794-1-2, *Optical fibre cables — Part 1-2: Generic specification — Basic optical cable test procedures (IEC 60794-1-2)*

EN 61935-2-2010, *Testing of balanced communication cabling in accordance with standards series EN 50173 — Part 2: Patch cords and work area cords (IEC 61935-2:2010)*

EN 61935-2-20, *Testing of balanced communication cabling in accordance with series EN 50173 — Part 2-20: Patch cords and work area cords — Blank detail specification for class D applications (IEC 61935-2-20)*

EN 62012-1:2002, *Multicore and symmetrical pair/quad cables for digital communications to be used in harsh environments — Part 1: Generic specification (IEC 62012-1:2002)*