ICS 33.120.10 SLOVENSKÁ TECHNICKÁ NORMA Marec 2018

STN	**Mnohožilové kovové káble na analógové a digitálne prenosy a riadenie Časť 12-1: Rámcová špecifikácia na tienené káble od 1 MHz do 2 000 MHz pre horizontálne a hlavné domové vedenia**	**STN EN 50288-12-1** 34 7030

Multi-element metallic cables used in analogue and digital communications and control - Part 12-1: Sectional specification for screened cables characterised from 1 MHz up to 2 000 MHz - Horizontal and building backbone cables

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/18

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English Version

Multi-element metallic cables used in analogue and digital communications and control - Part 12-1: Sectional specification for screened cables characterised from 1 MHz up to 2 000 MHz - Horizontal and building backbone cables

Câbles métalliques à éléments multiples utilisés pour les transmissions et les commandes analogiques et numériques - Partie 2-1: Spécification intermédiaire pour les câbles écrantés caractérisés de 1 MHz à 2 000 MHz - Câbles horizontaux et verticaux de bâtiment

Mehradrige metallische Daten- und Kontrollkabel für analoge und digitale Übertragung - Teil 12-1: Rahmenspezifikation für geschirmte Kabel für Frequenzen von 1 MHz bis 2 000 MHz - Kabel für Horizontal- und Steigbereich

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 50288-12-1:2017) has been prepared by WG 2 of CLC/SC 46XC "Multicore, multipair and quad data communication cables" of 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)	2018-05-30
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	2020-05-30

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association.

EN 50288-12-1 is meant to be read in conjunction with EN 50288-1:2013.

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EN 50288-12-1:2017

1 Scope

EN 50288-12-1 is a sectional specification for screened cables, characterised up to 2 000 MHz, to be used in horizontal and building backbone wiring for information technology, generic-cabling systems.

This sectional specification contains the electrical, mechanical, transmission and environmental performance characteristics and requirements of the cables when tested in accordance with the referenced test methods.

This sectional specification is to be read in conjunction with EN 50288-1, which contains the essential provisions for its application.

The cables covered in this sectional specification are intended to operate with voltages and currents normally encountered in communications systems. These cables are not intended to be used in conjunction with low impedance sources, for example the electrical power supplies of public utility mains.

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 50288-1:2013, *Multi-element metallic cables used in analogue and digital communication and control - Part 1: Generic specification*

EN 50289 (all parts), *Communication cables — Specifications for test methods*

EN 50290 (all parts), *Communication cables*