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| STN | **Komunikačné káble. Špecifikácia skúšobných metód. Časť 1-11: Elektrické skúšobné metódy. Charakteristická impedancia, vstupná impedancia a odrazové straty.** | **STN EN 50289-1-11**<br><br>34 7011 |
|---|---|---|

Communication cables - Specifications for test methods - Part 1-11: Electrical test methods - Characteristic impedance, input impedance, return loss

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. 05/17

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EUROPEAN STANDARD

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# EN 50289-1-11

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ICS 33.120.20

Supersedes EN 50289-1-11:2001

English Version

# Communication cables - Specifications for test methods - Part 1-11: Electrical test methods - Characteristic impedance, input impedance, return loss

Câbles de communication - Spécifications des méthodes d'essai - Partie 1-11: Méthodes d'essais électriques - Impédance caractéristique, impédance d'entrée, affaiblissement de réflexion

Kommunikationskabel - Spezifikationen für Prüfverfahren - Teil 1-11: Elektrische Prüfverfahren - Wellenwiderstand, Eingangsimpedanz, Rückflußdämpfung

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Europäisches Komitee für Elektrotechnische Normung

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Ref. No. EN 50289-1-11:2016 E

# Contents

Page

# European foreword

This document [EN 50289-1-11:2016] has been prepared by CLC/TC 46X "Communication cables".

The following dates are fixed:

| | | |
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| • latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2017-09-05 |
| • latest date by which the national standards conflicting with this document have to be withdrawn | (dow) | 2019-09-05 |

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## 1 Scope

This part of EN 50289 details the test methods to determine characteristic impedance, input impedance and return loss of cables used in analogue and digital communication systems.

It is to be read in conjunction with EN 50289-1-1, which contains essential provisions for its application.

## 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 50289-1-1:2001, *Communication cables - Specifications for test methods - Part 1-1: Electrical test methods - General requirements*

EN 50289-1-5:2001, *Communication cables - Specifications for test methods - Part 1-5: Electrical test methods - Capacitance*

EN 50289-1-7:2001, *Communication cables - Specifications for test methods - Part 1-7: Electrical test methods - Velocity of propagation*

EN 50290-1-2, *Communication cables - Part 1-2: Definitions*