

<b>STN</b>	<b>Oznamovacie káble. Špecifikácie skúšobných metód. Časť 1-17: Elektrické skúšobné metódy. Vonkajší presluch ExNEXT a ExFEXT.</b>	<b>STN EN 50289-1-17</b>  34 7011
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Communication cables - Specifications for test methods - Part 1-17: Electrical test methods - Exogenous Crosstalk ExNEXT and ExFEXT

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. 06/16

Obsahuje: EN 50289-1-17:2015

**122765**

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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, 2016  
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

ICS 33.120.10

English Version

**Communication cables - Specifications for test methods - Part 1-17: Electrical test methods - Exogenous Crosstalk ExNEXT and ExFEXT**

Câbles de communication - Spécifications des méthodes d'essai - Partie 1-17: Méthodes d'essais électriques - Diaphonie exogène ExNEXT et ExFEXT

Kommunikationskabel - Spezifikationen für Prüfverfahren - Teil 1-17: Elektrische Prüfverfahren - Externes Nebensprechen ExNEXT und ExFEXT (Nebensprechen zwischen Kabeln)

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## European foreword

This document (EN 50289-1-17:2015) has been prepared by SC46 XC “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 (dop) 2016-09-28  
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publication of an identical national  
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conflicting with this  
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## 1 Scope

Part 1-17 of EN 50289 details the test methods used to determine the cable to cable (exogenous) crosstalk between 4 pair cables used in analogue and digital communication systems. These exogenous Crosstalk effects are near end crosstalk (ExNEXT), far end crosstalk (ExFEXT), equal level far end crosstalk (ExELFEXT).

This document should be read in conjunction with EN 50289-1-1, which contains essential provisions for its application. Reference is made also to EN 50289-1-10 in which the definitions and test methods for crosstalk is given.

The exogenous crosstalk test method is described, as well as the treatment of the results to simulate the installation condition of a disturbed cable in contact with six disturbing cables.

## 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 50290-1-2, *Communication cables — Part 1-2: Definitions*

IEC 61156-1:2007, *Multicore and symmetrical pair/quad cables for digital communications — Part 1: Generic specification*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**