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National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 50289-1-13:2004

ICS 33.120.10

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

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Tel: (01) 807 3838

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EUROPEAN STANDARD **EN 50289-1-13**

NORME EUROPÉENNE

EUROPÄISCHE NORM March 2004

ICS 33.120.10

English version

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

Câbles de communication – Spécifications des méthodes d'essai Partie 1-13: Méthodes d'essais électriques – Affaiblissement de couplage ou affaiblissement de blindage des cordons de raccordement / des ensembles de câbles coaxiaux / des câbles à pré-connecteurs

Kommunikationskabel – Spezifikationen für Prüfverfahren Teil 1-13: Elektrische Prüfverfahren – Kopplungsdämpfung oder Schirmdämpfung für Rangierschnüre, koaxiale konfektionierte Kabel, konfektionierte Kabel

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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 46X, Communication cables.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50289-1-13 on 2004-02-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2005-02-01
- latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2007-02-01

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1 Scope

This Part 1-13 of EN 50289 details the method of test to determine the coupling attenuation or screening attenuation for patch cords, coaxial cable assemblies and pre-connectorised cables used in analogue and digital communication systems. It is to be read in conjunction with EN 50289-1-6.

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 50289-1-6 Communication cables – Specifications for test methods — Part 1-6: Electrical test methods – Electromagnetic performance

EN 50290-1-2 [1)] Communication cables — Part 1-2: Definitions

3 Definitions

For the purposes of this European Standard, the definitions of EN 50290-1-2 and EN 50289-1-6 apply.

In this document the cords under test (patch cords, coaxial cable assemblies, pre-connectorised cables) are denoted ‘patch cords’.

4 Test method

4.1 Equipment

4.1.1 General

See EN 50289-1-6, subclause 9.2.1.1 and Figure 1 below.

For patch cord testing two test head connecting hardware modules and extension cables are needed for measurement of a patch cord (see 4.1.3). The two test heads are denoted near end test head and far end test head.

[1)] Under consideration.

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