



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61169-16:2007

ICS 33.120.30

**RADIO-FREQUENCY CONNECTORS --
PART 16: SECTIONAL SPECIFICATION - RF
COAXIAL CONNECTORS WITH INNER
DIAMETER OF OUTER CONDUCTOR 7 MM
(0,276 IN) WITH SCREW COUPLING -
CHARACTERISTICS IMPEDANCE 50 OHMS
(75 OHMS) (TYPE N) (IEC 61169-16:2006
(EQV))**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61169-16

April 2007

ICS 33.120.30

English version

**Radio-frequency connectors -
Part 16: Sectional specification -
RF coaxial connectors with inner diameter
of outer conductor 7 mm (0,276 in) with screw coupling -
Characteristic impedance 50 ohms (75 ohms) (type N)
(IEC 61169-16:2006)**

Connecteurs pour fréquences
radioélectriques -
Partie 16: Spécification intermédiaire -
Connecteurs coaxiaux pour fréquences
radioélectriques avec diamètre intérieur
du conducteur extérieur de 7 mm
(0,276 in) à verrouillage à vis -
Impédance caractéristique
de 50 ohms (75 ohms) (Type N)
(CEI 61169-16:2006)

Hochfrequenz-Steckverbinder -
Teil 16: Rahmenspezifikation -
Koaxiale Hochfrequenzsteckverbinder
mit 7 mm (0,276 in) Innendurchmesser
des Außenleiters
und Schraubverbindung -
Wellenwiderstand 50 Ohm (75 Ohm)
(Typ N)
(IEC 61169-16:2006)

This European Standard was approved by CENELEC on 2007-03-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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

Foreword

The text of document 46F/54/FDIS, future edition 1 of IEC 61169-16, prepared by SC 46F, R.F. and microwave passive components, of IEC TC 46, Cables, wires, waveguides, R.F. connectors, R.F. and microwave passive components and accessories, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61169-16 on 2007-03-01.

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) 2007-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2010-03-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61169-16:2006 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60457 NOTE Harmonized in HD 351 series (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-1 + corr. October + A1	1988 1988 1992	Environmental testing - Part 1: General and guidance	EN 60068-1	1994
IEC 60096-2	1988	Radio-frequency cables - Part 2: Relevant cable specifications	-	-
IEC 61169-1 A1 A2	1992 1996 1997	Radio-frequency connectors - Part 1: Generic specification - General requirements and measuring methods	EN 61169-1 A1 A2	1994 1996 1997
ISO 263	1973	ISO inch screw threads - General plan and selection for screws, bolts and nuts - Diameter range 0.06 to 6 in	-	-

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