

High-voltage cable plug and socket connections for medical X-ray equipment

The European Standard EN 60526:2004 has the status of a
British Standard

ICS 11.040.50; 29.120.30

National foreword

This British Standard is the official English language version of EN 60526:2004. It is identical with IEC 60526:1978. It supersedes BS 6038:1980 which is withdrawn.

The CENELEC common modifications have been implemented at the appropriate places in the text. The start and finish of each common modification is indicated in the text by tags ⌈ ⌋.

The UK participation in its preparation was entrusted by Technical Committee CH/62, Electromedical equipment in medical practice, to Subcommittee CH/62/2, Diagnostic imaging equipment, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 12, an inside back cover and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

Amendments issued since publication

Amd. No.	Date	Comments

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 16 February 2005

© BSI 16 February 2005

ISBN 0 580 45459 2

English version

**High-voltage cable plug and socket connections
for medical X-ray equipment
(IEC 60526:1978, modified)**

Raccordements par fiche et réceptacle
des câbles haute tension
pour équipements à rayons X
à usage médical
(CEI 60526:1978, modifiée)

Hochspannungskabel-Steckverbindungen
für medizinische Röntgengeräte
(IEC 60526:1978, modifiziert)

This European Standard was approved by CENELEC on 2004-07-06. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and 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 the International Standard IEC 60526:1978, prepared by SC 62B, Diagnostic imaging equipment, of IEC TC 62, Electrical equipment in medical practice, together with common modifications prepared by the Technical Committee CENELEC TC 62, Electrical equipment in medical practice, was approved by CENELEC as HD 364 S2 on 1983-09-07.

This Harmonization Document was submitted to the formal vote for conversion into a European Standard and was approved by CENELEC as EN 60526 on 2004-07-06.

The following date was 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) 2005-07-01

Endorsement notice

The text of the International Standard IEC 60256:1978 was approved by CENELEC as a European Standard with agreed common modifications.

CONTENTS

	Page
Clause	
1. Scope	4
2. Terminology.....	4
3. Dimensions	5
4. Connections	5
5. Marking	5
6. Statement of compliance	5
Table I — Marking and connections for three-conductor cable termination plug assemblies and receptacle socket assemblies	6
Table II — Marking and connections for four-conductor cable termination plug assemblies and receptacle socket assemblies	7
Figures	8