

Aerospace series — Connector, optical, circular, single channel, coupled by self-locking ring, operating temperature 150 °C continuous

**Part 004: Receptacle, connector, four
hole fixing cable according to EN 4532,
product standard**

ICS 49.060

National foreword

This British Standard is the UK implementation of EN 3733-004:2008.

The UK participation in its preparation was entrusted to Technical Committee ACE/6, Aerospace avionic electrical and fibre optic technology.

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

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 cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 September 2008
© BSI 2008

ISBN 978 0 580 58419 0

Amendments/corrigenda issued since publication

Date	Comments

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 3733-004

April 2008

ICS 49.060

English Version

**Aerospace series - Connector, optical, circular, single channel,
coupled by self-locking ring, operating temperature 150 °C
continuous - Part 004: Receptacle, connector, four hole fixing
cable according to EN 4532, product standard**

Série aérospatiale - Connecteur optique circulaire
monovoie à accouplement par bague fileté, température
d'utilisation 150 °C continu - Partie 004: Embase à
collerette à quatre trous pour la fixation pour câble selon
l'EN 4532 - Norme de produit

Luft- und Raumfahrt - Optischer Rundsteckverbinder
einpölig, Schraubkupplung, Betriebstemperatur 150 °C
konstant - Teil 004: Fester Steckverbinder mit vier
Befestigungsbohrungen für Kabel nach EN 4532,
Produktnorm

This European Standard was approved by CEN on 16 September 2007.

CEN 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 CEN Management Centre or to any CEN 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 CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

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



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents		Page
Foreword.....		3
1	Scope	4
2	Normative references	4
3	Terminology	4
4	Required characteristics	5
4.1	Dimensions and mass	5
4.2	Panel cut-out and mounting of connectors	5
4.3	Materials	6
4.4	Main general characteristics	7
4.5	Possible combinations of plugs and receptacles	7
5	Designation	7
6	Marking	7
7	Technical specification	8

Figures

Figure 1	5
Figure 2	6
Figure 3	6

Tables

Table 1 — Compatible connectors and spare parts	7
Table 2 — Additional test requirements applicable to this product standard	8