



BSI Standards Publication

Environmental declaration

Part 2: Optical/copper telecom accessories products specific rules

National foreword

This Published Document is the UK implementation of IEC TR 62839-2:2019.

The UK participation in its preparation was entrusted to Technical Committee EPL/46, Cables, wires and waveguides, radio frequency connectors and accessories for communication and signalling.

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

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Published by BSI Standards Limited 2019

ISBN 978 0 580 93410 0

ICS 13.020.01; 33.120.20

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This Published Document was published under the authority of the Standards Policy and Strategy Committee on 28 February 2019.

Amendments/corrigenda issued since publication

Date	Text affected
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TECHNICAL REPORT

**Environmental declaration –
Part 2: Optical/copper telecom accessories products specific rules**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 13.020.01; 33.120.20

ISBN 978-2-8322-6248-1

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ENVIRONMENTAL DECLARATION –

Part 2: Optical/copper telecom accessories products specific rules

FOREWORD

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IEC TR 62839-2 which is a technical report, has been prepared by IEC technical committee 46: Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories.

The text of this Technical Report is based on the following documents:

Enquiry draft	Report on voting
46/683/DTR	46/701/RVDTR

Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62839 series, published under the general title *Environmental declaration*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

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INTRODUCTION

ISO 14025:2006 establishes the principles and specifies the procedures for developing Type III environmental declaration programmes and Type III environmental declarations. It specifically establishes the use of the ISO 14040 series of standards in the development of Type III environmental declaration programmes and Type III environmental declarations.

ISO 14025:2006 establishes principles for the use of environmental information, in addition to those given in ISO 14020:2000.

Type III environmental declarations as described in ISO 14025:2006 are primarily intended for use in business-to-business communication, but their use in business-to-consumer communication under certain conditions is not precluded. These environmental declarations, referred here after as PEP (product environmental footprint), follow specific sets of rules and requirements specified in product category rules declarations that are referred here after as “PEP/PCR”.

ENVIRONMENTAL DECLARATION –

Part 2: Optical/copper telecom accessories products specific rules

1 Scope

This document specifies the PSR (product specific rules) for optical/copper telecom accessories products. It covers the use, installation and end of life stages and provides methodological precisions to PEP/PCR writing for “optical/copper telecom accessories” products used for communication, data, control and command. PSR and general rules all together form the product category rules.

In the “accessories” category covered by IEC technical committees 46 and 86, there are four types of products:

- optical accessories (connectors and splices);
- balanced connectors;
- coaxial connectors;
- metallic waveguides.

This specification document is primarily intended for:

- environment and/or product managers;
- LCA (life cycle assessment) experts in companies in charge of PEP/PCR development;
- verifiers in charge of PEP/PCR conformity assessment in accordance with the defined rules.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

IEC 60153-2, *Hollow metallic waveguides – Part 2: Relevant specifications for ordinary rectangular waveguides*

IEC 60603-1 (all parts), *Connectors for electronic equipment*

IEC 60603-7-2, *Connectors for electronic equipment - Part 7-2: Detail specification for 8-way, unshielded, free and fixed connectors, for data transmissions with frequencies up to 100 MHz*

IEC 60603-7-4, *Connectors for electronic equipment - Part 7-4: Detail specification for 8-way, unshielded, free and fixed connectors, for data transmissions with frequencies up to 250 MHz*

IEC 60603-7-7, *Connectors for electronic equipment - Part 7-7: Detail specification for 8-way, shielded, free and fixed connectors for data transmission with frequencies up to 600 MHz*

IEC 60603-7-51, *Connectors for electronic equipment - Part 7-51: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 500 MHz*