

Europacable Communication on Cables and RoHS

Brussels, October 2019

With this communication, Europacable seeks to clarify key aspects of the scope of the RoHS Directive related to 'cables'.

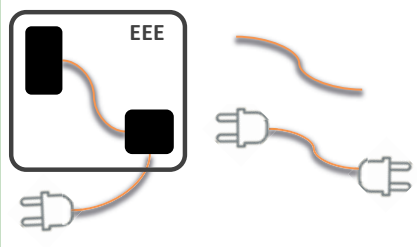
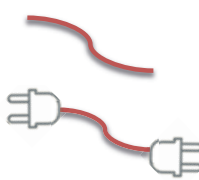
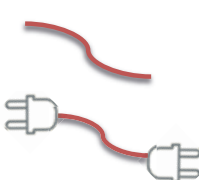
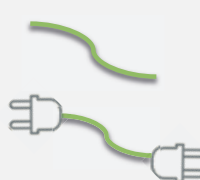
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Europacable emphasizes that 'cables' are included in the scope of RoHS depending on the rated voltage and their final application.

Europacable firmly believes that 'cables' in the scope of RoHS should be compliant either at the due date of the EEE category they fall in, or since July 2019 if not dedicated to any EEE specific category.

Cables in the scope of RoHS

Cables are included in the scope of RoHS depending on their rated voltage and their final application. The cables concerned by RoHS are described in the column 1 to 4 of the table below.

	 <p>Internal cables with rated voltage < 1kV AC or < 1.5kV DC</p>	 <p>Rated Voltage <250V + Dedicated to specific EEE + Marketed together with EEE</p>	 <p>Rated Voltage <250V + <u>not</u> dedicated to specific EEE + Marketed individually</p>	 <p>Rated Voltage ≥ 250V or optical cables + Marketed individually</p>	
Individual EU Declaration of Conformity	-	-	✓	✓	-
CE marking	-	-	✓ On packaging	✓ On packaging	-
Due Date	Similar to EEE category (Category 1 to 10)	Similar to EEE category (Category 1 to 10)	Similar to EEE category (Category 1 to 10)	July 22 nd 2019 (Category 11)	-

Cables requiring individual EU declaration of conformity and CE marking are cables with a rated voltage <250V, dedicated or not to a specific EEE, and marketed individually. Cables with rated voltage ≥ 250V do not require to fulfill such obligations.

Cables compliancy to RoHS

Cables in the scope of RoHS should be compliant either at the due date of the EEE category they fall in, or since July 2019 if not dedicated to any EEE specific category.

Conformity to RoHS

An EU Declaration of Conformity (DoC) should be made available to the customers for cables in the scope of RoHS at the appropriate due date.

At the request of a customer, RoHS compliance of cables not covered by RoHS can be provided through a voluntary declaration of conformity, via Europacable Material Declaration.

The technical documentation, based on internal production control and demonstrating the RoHS conformity, is confidential information and is only provided by the cable manufacturer when there is a legal obligation.

Background: RoHS Directive

RoHS (Restriction of Hazardous Substances) refers to the European Directive 2011/65/EU restricting the placing on the market within the European Union of electric and electronic equipment (EEE) which contain more than traces of specific substances. The Directive has been amended with Directive 2015/863/EU and Directive 2017/2102/EU.

Restricted Substances

RoHS restricts the use of ten substances, with related Maximum Concentration Values (MCVs) in homogeneous materials:

- Lead (not more than 0.1 weight %)
- Mercury (not more than 0.1 weight %)
- Cadmium (not more than 0.01 weight %)
- Hexavalent chromium (not more than 0.1 weight %)
- Polybrominated biphenyls (PBB) (not more than 0.1 weight %)
- Polybrominated diphenyls ethers (PBDE) (not more than 0.1 weight %)
- Bis(2-ethylhexyl) phthalate (DEHP) (not more than 0.1 weight %)
- Butyl benzyl phthalate (BBP) (not more than 0.1 weight %)
- Dibutyl phthalate (DBP) (not more than 0.1 weight %)
- Diisobutyl phthalate (DIBP) (not more than 0.1 weight %)

We understand that most of these substances are no longer used by Europacable member companies.

In the case they are used, it concerns cables outside of RoHS scope.

If specific information is required, users are advised to contact individual manufacturers.

Disclaimer:

The present paper reflects the best knowledge of Europacable experts at the moment of its publication. It is intended as a tool among others to help assessing the scope of the RoHS Directive related to "cables".

It is not a legally binding document and is not intended as a substitute for each manufacturer's own assessment and decision making. A binding interpretation of Community legislation is of the exclusive competence of the European Court of Justice.

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