



■ Cube Optics AG ■ Robert-Koch-Str. 30 ■ 55129 Mainz ■ Germany

Cube Optics AG
Robert-Koch-Str. 30
55129 Mainz
Germany

Dr. Ralf Lohrmann
Tel.: +49-6131-69851-218
Fax: +49-6131-69851-79
Lohrmann@cubeoptics.com
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Restriction of Hazardous Substances (RoHS) EU Directive 2002/95/EC

Cube Optics AG is committed to provide leading edge technology in accordance with the EU Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

The directive is restricting the content of the following six chemicals: lead, mercury, cadmium, hexavalent chromium as well as polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE).

The products provided by Cube Optics AG do not contain mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE). Residual concentrations are well below the detection limits of standard test and measurement equipment for these chemicals.

The annex to the EU directive states "Applications of lead, mercury, cadmium and hexavalent chromium, which are exempted from the requirements of Article 4(1)". Two exemptions require further consideration:

6. Lead as an alloying element in steel containing up to 0.35 % lead by weight, aluminum containing up to 0.4 % lead by weight and as a copper alloy containing up to 4 % lead by weight.
7. Lead in solders for network infrastructure equipment for switching, signaling, transmission as well as network management for telecommunication.

Working closely with our suppliers, Cube Optics AG has successfully identified and implemented steel, aluminum and copper alloys with a lead content of < 0.1 w%. The concentration is below the detection limit of the energy dispersive x-ray analysis.

However, some CUBO products, e.g. the 4-channel receiver subassembly, could contain lead in solder, which is exempted for applications in network infrastructure equipment for telecommunication.

Therefore, based on our current understanding we are pleased to confirm that Cube Optics products are compliant to the EU directive 2002/95/EC (RoHS).

In case further documentation is required by our customers, Cube Optics AG will issue a RoHS certificate for a specific Cube Optics part number upon request. Please contact Cube Optics AG for further detail.

Dr. Ralf Lohrmann
Director Products & Programs

Dr. Thomas Paatzsch
COO

Executive Board:
Dr. Francis Nedvidek, CEO
Dr. Thomas Paatzsch, COO
Ingo Smaglinski, CTO

Amtsgericht Mainz
HRB: 7366
Ust.-IDNr.: DE 211 920 408

Bankverbindung: Deutsche Bank Mainz
BLZ: 550 700 40
KtoNr.: 019 679 000

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