



**Millimeter Wave Technologies, LLC**  
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## Compliance with EU Directive 2002/95/EC (RoHS)



### About RoHS

The European Union created a directive that restricts the use of six environmentally hazardous materials used in the manufacture of electronic and electrical equipment. According to the directive, products entering the EU must not have a homogeneous presence of these materials that exceed the following levels as measured by a percentage of weight:

Lead (Pb) < 0.1%  
Mercury (Hg) < 0.1%  
Cadmium (Cd) < 0.01%  
Hexavalent Chromium (CrVI) < 0.1%  
Polybrominated Biphenyls (PBB) < 0.1%  
Polybrominated Diphenyl Esters (PBDE) < 0.1%

### Amendments/Exemptions to the Directive

An Annex to the RoHS Directive provides specific exemptions to the requirements listed in Article 4(1) of the Directive.

Point #6 states the following exemption:

*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.*

### Millimeter Wave and Compliance

At Millimeter Wave, we are committed to providing products that are in accordance with the RoHS directive. Our RF connectors are commonly constructed using brass (copper alloy), stainless steel, beryllium copper and phosphor bronze. It must be noted that while these alloys may contain more lead by weight than 0.1%, the level does not exceed that allowed under the Annex Exemption #6 and is, therefore, compliant with the directive. All RF connectors and hardware have been officially compliant since October 15, 2005.

Regarding cable assemblies, Millimeter Wave obtains RoHS certification from all of our suppliers to ensure that the materials we provide to our customers are RoHS compliant. As of July 2006, all lead-based solder used in the construction of cable assemblies has been replaced with a lead-free, silver/tin/copper alloy solder.