



RoHS (Restriction of Hazardous Substances)

Certificate of Compliance

MKS Instruments, Inc. hereby certifies that the products listed in the attached table are compliant with the European Union’s RoHS Directive, (EU) 2015/863 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council regarding the restriction of the use of certain hazardous substances in electrical and electronic equipment. The products listed below are compliant to RoHS requirements for concentration limitations, by weight of homogeneous material, of the ten substances shown on the following page.

<u>Product</u>	<u>RoHS Compliant Part Number</u>
#0923, CABLE, MALE TO MALE, 3 PINS	180520
#0923-2, CABLE, M TO M, 3 PIN, 2 M	180520-02
#0924, CABLE, CON	180518
#0926, CABLE MALE TO MALE SHORT	210017
#0927, CABLE, BNC MALE, SMB PLUG	180521
#1225 MALE-SMA TO FEMALE-BNC	001214
#1226 Female-SMA to Male-BNC	001215
#1227 40GHZ FLX CBLE, F TO M, K CONN	001746
#1280 1-INCH FILTER HOLDER	128000
#1281 FC FIBER ADAPTER	203120
0901 POWER SUPPLY, +/- 15V	180512

The thresholds shown below are not in place for any legally allowable exemptions per Annex III of the aforementioned directive. If such exemptions are in use, they are noted on the attached table. If no exemptions are in use, then no further information is provided.

All information provided in this Certificate of Compliance is accurate to MKS’ knowledge as of the date of this certification. This confirmation is made based on our internal engineering risk analysis of the individual items possibly being present along with the best technical information made available to MKS from its material suppliers.

OPHIR OPTRONICS
SOLUTIONS LTD

27/1/2022

Reuven Silverman
Business Unit/General Mgr

Date



LIST OF SUBSTANCES BANNED BY ROHS DIRECTIVE EU 2015/863

(Item cannot exceed 0.1% of homogeneous material – except as noted)

- Lead (Pb)
- Mercury (Hg)
- Cadmium (Cd) – 0.01% limit
- Hexavalent chromium (Cr6+)
- Polybrominated biphenyls (PBB)
- Polybrominated diphenyl ether (PBDE)
- Diisobutyl phthalate (DIBP)
- Bis (2-ethylhexyl) phthalate (DEHP)
- Butyl benzyl phthalate (BBP)
- Dibutylphthalate (DBP)

MKS ROHS DIRECTIVE 2011/65/EU PRODUCT EXEMPTIONS

MKS Product Number	MKS Product Description	Annex III Exemption #	Annex III Exemption Description
180520	#0923, CABLE, MALE TO MALE, 3 PINS	6C	Copper alloy
180520-02	#0923-2, CABLE, M TO M, 3 PIN, 2 M	6C	Copper alloy
210017	#0926, CABLE MALE TO MALE SHORT	6C	Copper alloy
001214	#1225 MALE-SMA TO FEMALE-BNC	6C	Copper alloy
001215	#1226 Female-SMA to Male-BNC	6A-I	As an alloying element in steel for machining purposes in batch hot dip galvanised steel components containing up to 0.2 % lead by weight
001746	#1227 40GHZ FLX CBLE,F TO M,K CONN	6C	Copper alloy