PASTERNACK®

ROHS MATERIAL COMPLIANCE CERTIFICATION

RoHS 2011/65/EU

SMA Male to SMP Female Cable 36 Inch Length Using PE-SR047FL Coax, RoHS PE36164LF-36

We hereby certify that we comply with the EU Directive 2002/95/EC on the use of certain hazardous substances in electrical and electronic equipment. The exemptions on the next page apply.

Some of the listed materials may be used in the production of SMA Male to SMP Female Cable 36 Inch Length Using PE-SR047FL Coax, RoHS PE36164LF-36 in accordance with the following specifications:

Metals:

- DHP soft copper, CDA 122
- Phosphor bronze, ASTM-B-159, Alloy 510 (.05% by weight Pb); ASTM-B-139, Alloy B2 or C54400 (limited to <4.0% by weight Pb)
- Brass: ASTM-B-16 (2.5-3.7% Pb) or ASTM-B-36
- Stainless Steel, ASTM-A-582, SS-303
- Beryllium Copper per ASTM-B-196 or ASTM-B-194
- SnAgCu solder

Non-Metal:

- PTFE, ASTM-D-1710 – Fire rating V-0 (dielectric)
- Silicon rubber ZZ-R-765, Gr. 50, red – Fire rating N/A (gasket)
- Silicon rubber Buna - N , fuel resistant per MIL-P-5315 (gasket)
- Silver plated aluminum filled silicone per MIL-G-83528 (gasket)
- Silicon rubber per AN- 6227-17 Class B
- Thick wall polyolefin, MIL-I-23053/4, class3 – Fire rating UL 224 (shrink sleeve)
- 2 component epoxy
- Glass

Finishes:

- Silver per ASTM-B700, Semi-bright
- Tarniban: 8% stannous chloride (anhydrous)
- Nickel per AMS-QQ-N-290, Class 1, Bright
- Electroless Nickel per Mil-C-26074, Class 1, Bright
- Gold per ASTM-B488, Type 3, Grade C, reference Class 0.76
- Black Chrome per Mil-C-14538
- Albaloy (Tri-M3) composition: 55-60% Cu, 20-25% Sn, 15-20% Zn Alternative 50-55% Cu, 30-35% Sn, 13-17% Zn Semi-Bright
- Copper per Mil-C-14550, reference Class 4
- Chemical Passivation per ASTM-A-967
- Tin per ASTM-B545, matte finish

The materials declaration data for SMA Male to SMP Female Cable 36 Inch Length Using PE-SR047FL Coax, RoHS PE36164LF-36 is accurate, to the best of our knowledge.

Pasternack Enterprises, Inc.
CAGE #: 53919
Pasternack Part Number: PE36164LF-36

EXEMPTIONS- ANNEX to ROHS DIRECTIVE 2002/95/EC

"Applications of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) which are exempted from the requirements of Article 4(1)".

5. Lead in glass cathode ray tubes, electronic components and florescent tubes.
   Some Pasternack products use resistive and/or dielectric inks that contain lead in a glass phase and fall under exemption 5.
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.
   Most Pasternack products use metal alloys that contain lead below the maximum concentration values specified under exemption 6. Specifically; aluminum alloys, brass, stainless steel, beryllium copper and phosphor bronze.
7. Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signaling transmission as well as network management for telecommunications.
   All Pasternack coaxial cable assemblies are made using solder containing lead (unless lead-free is specified), and may be used in network infrastructure equipment and therefore would fall under exemption 7. This exemption is application specific, however, and we therefore leave it up to our customer to determine whether this exemption applies to their application.

Post Office Box 16759, Irvine, CA 92623-6759 USA
Phone: +1 (949) 261-1920 www.pasternack.com FAX: +1 (949) 261-7451