

**At A Glance**

This Product Alert provides updated information about RoHS compliance of Emulex HBAs. The HBA models listed below have been declared compliant with the RoHS directive.

**Details**

**What is RoHS?**

RoHS is European Union Directive 2002/95/EC on the Restriction of Certain Hazardous Substances in Electrical and Electronic Equipment since July 1st, 2006. Applies to products to be sold into the EU.

**What hazardous substances are covered by RoHS?**

RoHS restricts the use of lead (Pb), cadmium (Cd), mercury (Hg), hexavalent chromium (Cr6+), polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs). Certain exemptions are allowed.

**These Emulex standard model HBAs (along with custom OEM variants) have been declared RoHS compliant:**

4Gb HBAs	
PCI-X 2.0	PCI Express
LP11000-M4	LPe11000-M4
LP11002-M4	LPe11002-M4
LP1150-F4	LPe1150-F4
	LPe111 (All OEM Models)
2Gb HBAs	
PCI/PCI-X	PCI Express
LP10000-M2	LP10000ExDC-M2
LP10000DC-M2	LP1050Ex-F2
LP1050-F2	
LP1050DC-F2	
LP101 (All OEM Models)	
LP9802-F2	
LP9002L-F2	
Special Purpose HBAs	
LP9002C-F2 (2Gb cPCI)	
LP9002S-F2 (2Gb SBus)	
LP9802-X2 (2Gb Long Wave Optics)	



The Materials Declarations (MDs) for these products will be available on request to [info@emulex.com](mailto:info@emulex.com). Product datasheets and other collateral are being updated to reflect the RoHS compliance.