

# Product Alert

## Emulex HBAs

### RoHS Update



#### At A Glance

This Product Alert provides updated information about RoHS compliance of Emulex HBAs. Two models added to the list since the last update: LP9002L and LP9802. The ECOs are in process. All of the converted 2Gb HBA models should start rolling out of the factories in the next 30 to 60 days.

#### Details

##### What is RoHS?

RoHS is European Union Directive 2002/95/EC on the Restriction of Certain Hazardous Substances in Electrical and Electronic Equipment beginning 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
2Gb HBAs	
PCI/PCI-X	PCI Express
LP10000-M2	LP10000ExDC-M2
LP10000DC-M2	LP1050Ex-F2
LP1050-F2	
LP1050DC-F2	
LP101 (OEM Models)	
LP9802-F2 (new)	
LP9002L-F2 (new)	
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.