

RoHS Compliant Glass Aspheres for Telecommunications

- Achieves RoHS compliance with a high index glass
- Designed for high volume production
- Molded lenses for greater performance and repeatability
- Lenses are molded into holders for easy assembly



Molded aspheric lenses made from high index lead based glasses have long been used in laser to fiber coupling systems inside of transceiver packages. RoHS compliance has been difficult to achieve based on the high performance requirements of these systems and the advantageous properties of lead based glasses. LightPath Technologies has developed a set of lenses using a high index, RoHS compliant glass that replaces LightPath's current lead-glass based products and meets the RoHS standards.

Contact LightPath to take advantage of the power of Aspheric Optics for a simpler optical system.

RoHS Compliant Telecommunications Lenses

Lens Code	Numerical Aperture	Focal Length (mm)	Outer Diameter (mm)	Clear Aperture (mm)	Working Distance (mm)	Holder
355410	0.20	2.51	1.805	1.01	1.84	None
355536	0.60	0.60	2.0 x 2.2 (T - Shape)	0.72	0.22	T Holder
355880	0.60	0.70	3.00	0.84	0.29	Cylindrical
355940	0.17	4.0	3.00	1.37	3.36	Cylindrical
355945	0.10	2.51	3.00	0.51	1.755	Cylindrical

LightPath's D-ZLAF52LA Glass is used for all Lenses.

Standard Coatings

MLBB-A Coating: 400 nm - 600 nm

MLBB-B Coating: 600 nm - 1050 nm

MLBB-C Coating: 1050 nm - 1600 nm

MLBB-Q Coating: 1300 nm - 1700 nm

