

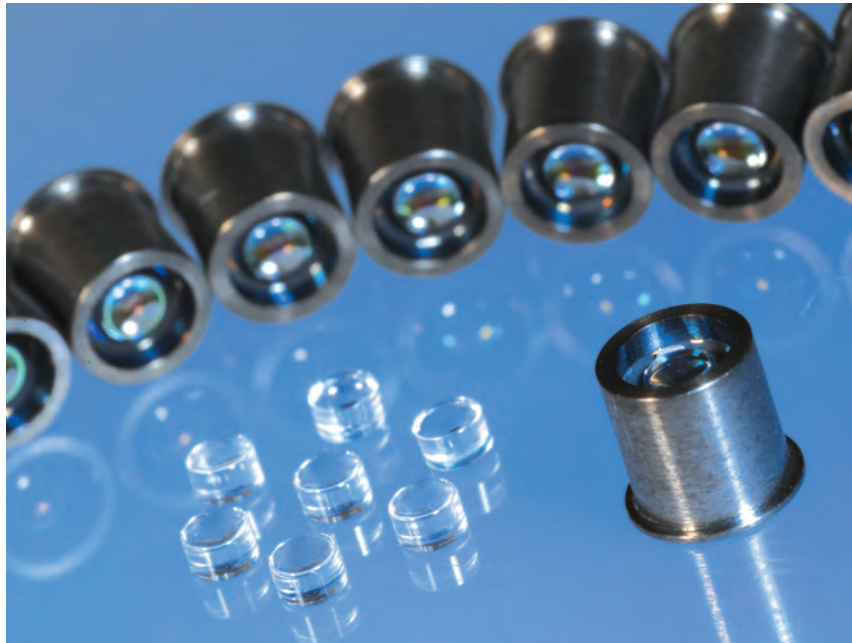
SCHOTT Aspherical Lens Caps

Product Information

SCHOTT Molded Aspherical Lens Caps are manufactured by sealing molded aspheres to metal caps with glass-to-metal sealing technology. These caps provide high coupling efficiency in regular datacom and telecom applications.

Advantages

- **Hermetically sealed using proven glass-to-metal sealing technology:** Manufactured in a similar way as ball lens caps, the seal between the asphere and the metal cap is proven to be very stable.
- **Superior hermeticity:** More than 50 years of experience in glass-to-metal sealing enables us to achieve superior hermeticity.
- **Enhanced optical properties:** The low Tg glass with high refractive index used for molding is developed and melted in-house, based on our extensive glass expertise. With design capabilities, optical designs can be modified or optimized to achieve higher efficiencies.
- **One-stop-shopping** due to vertically integrated manufacturing, from materials to components.



For more information:

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Preliminary Specifications

Platform:	TO46, TO56, TO39, Custom To's
Glass:	P-LaSF47
Min diameter:	1.6 mm
Max diameter:	4.0 mm
Glass properties:	-
Refractive index:	1.8061
Internal transmittance:	0.967
Transformation temp:	530° C
Density:	4.54
vd:	40.90

Applications

TOSA lens cap for FTTx applications in
Triplexers and Bi-Directionals
Long Range TOSA modules requiring
higher efficiency optics
Specialty applications in imaging

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