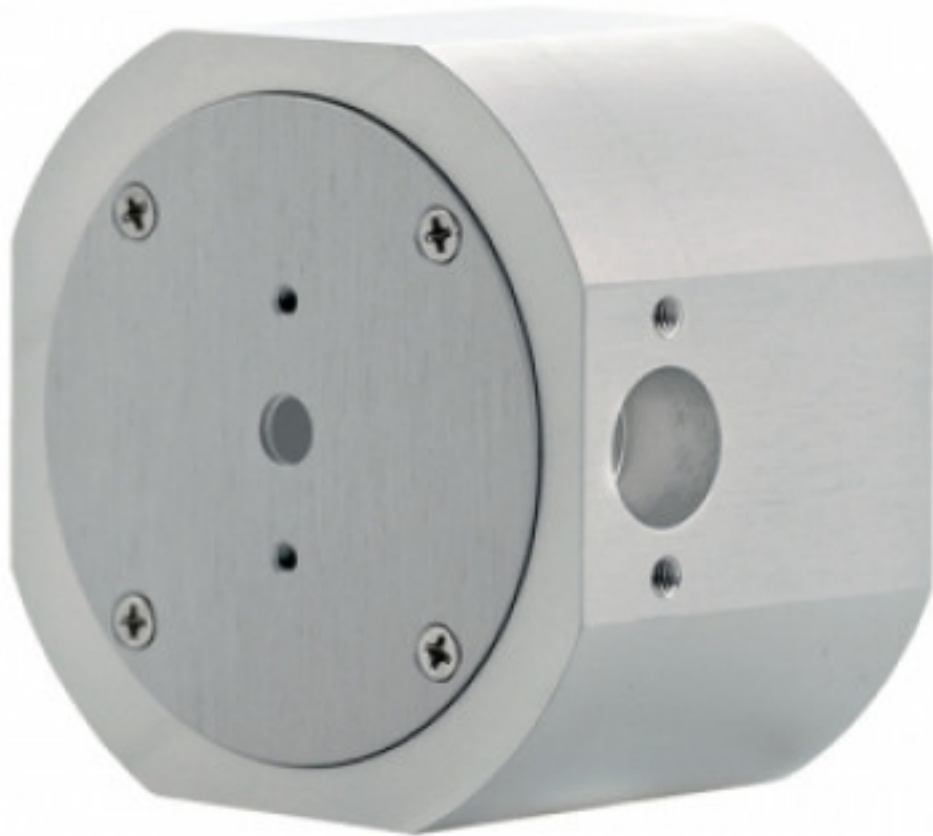


UPK-30-L

<https://www.gigahertz-optik.com/en-us/product/upk-30-l/>

Product tags:



Description

Compact Integrating Sphere

The UPK-30-L integrating sphere is Gigahertz-Optik's most compact size model with ODM98 coating. The 30 mm diameter integrating sphere with 5mm diameter measurement port offers high light throughput required in light sensitive applications within the spectral range from 250 nm to 2500 nm.

Innovative Design

Its unique collar baffle design greatly avoids direct illumination of the detector port from the light input port in a conventional 90° port position sphere design. The baffle also makes it possible to operate up to 4 detectors or fiber light guide connectors on the sphere at the same time. The UP-DP-11 style detector ports provides an interface for direct mounting of Gigahertz-Optik's PD-11, TD-11 and VL-11 type light detectors and UFC-11 type fiber connectors. The basic sphere is equipped with 3 detector ports.

Calibration

Gigahertz-Optik's [ISO/IEC 17025 calibration laboratory](#) offers traceable spectral radiant power sensitivity calibration in the wavelength range from 250nm to 1800nm.



Integrating Sphere UPK-30-L in Custom set-up with four InGaAs Detectors PD-1104.





Specifications

| Specification | |
|---------------------------|--|
| Coating | ODM98 |
| Sphere diameter | 30 mm |
| Measurement Port Diameter | 5 mm |
| Detector port | 3x UP-DP-11 (e.g. PD-11, TD-11, VL-11, UFC-11) |
| Mounting | M6 and 1/4" threaded holes |

Downloads

| Type | Description | File-Type | Download |
|---------|-------------|-----------|---|
| Drawing | UPK-30-L | pdf | https://www.gigahertz-optik.com/assets/Uploads/100996.pdf |

Configurable with

| Product Name | Product Image | Description | Go to product |
|--------------|---|--|---|
| UFC-11 |  | Fiber adapter for use with UP and UM type integrating spheres. Features: SMA, FC, SC and ST connectors. | https://www.gigahertz-optik.com/en-us/product/ufc-11/ |
| VL-1101 |  | Photometric detector head with VL-11 mount. Features: modular detector for use with integrating spheres, front lenses etc. For use with optometers and signal amplifiers | https://www.gigahertz-optik.com/en-us/product/vl-1101/ |
| TD-11VL01 |  | Photometric, temperature stabilized detector with DP-11 mount | https://www.gigahertz-optik.com/en-us/product/td-11vl01/ |
| PD-11 Series |  | Detector head with DP-11 mount | https://www.gigahertz-optik.com/en-us/product/pd-11-serie/ |

Purchasing information

| Article-Nr | Modell | Description |
|----------------|-----------|---|
| Product | | |
| 15296248 | UPK-30-L | 30 mm integrating sphere. ODM98 coating. One detector port. |
| 15310648 | PD-11Z-06 | PD-11Z-06 Distance Plate |
| Options | | |
| 15298480 | UP-DPP | Optional port plug (if one of the three ports is not used) |

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- After-Sales Support
- Calibrations & Re-Calibrations ([ISO/IEC 17025 Calibration Services](#), [factory calibration](#), [Calibration of Third-Party Products](#))
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[Send us your inquiry](#) or contact us by phone or e-mail. We would welcome your feedback too or review us on [Google](#).

Gigahertz Optik GmbH (Headquarter)

Tel.: +49 (0)8193-93700-0
Fax: +49 (0)8193-93700-50
info@gigahertz-optik.de

An der Kaelberweide 12
82299 Tuerkenfeld, Germany

Gigahertz-Optik, Inc. (US office)

Phone: +1-978-462-1818
info-us@gigahertz-optik.com

Boston North Technology Park
Bldg B - Ste 205
Amesbury, MA 01913 USA