

# UPK-30S105-L

<https://www.gigahertz-optik.com/en-us/product/upk-30s105-l/>

**Product tags:**



# Description

## Stretched Design Specially for Side Emitting Fibers

The UPK-30S105-L model integrating sphere feature a unique stretched design specially made for the measurement of side emitting fibers up to 80 mm long. Elongation of the ODM98 coated sphere from 30 mm diameter to a length of 105 mm eliminates the need for a large diameter sphere. Its unique collar baffle design avoids direct illumination of the detector by the side emitting fiber. The detector port 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 recommended useful wavelength range of the stretched integrating sphere is from 250 nm to 2500 nm.

## Calibration

Gigahertz-Optik's calibration laboratory offers traceable spectral radiant power sensitivity calibration in the wavelength range from 250 nm to 1800 nm.


# Specifications


Specification	
Coating	ODM98
Sphere diameter	30 mm x 105 mm (long axis)
Measurement Port Diameter	Stainless steel adapter with 2 mm hole
Detector port	1 x UP-DP-11 (PD-11, TD-11, VL-11, UFC-11) Up to three more UP-DP-11 in +/-90° position can optional supplied
Mounting	M6 and 1/4" threaded holes

## Downloads

Type	Description	File-Type	Download
Drawing	UPK-30S105-L	pdf	<a href="https://www.gigahertz-optik.com/assets/Uploads/102278_UPK-30-S105-L.pdf">https://www.gigahertz-optik.com/assets/Uploads/102278_UPK-30-S105-L.pdf</a>

## 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.	<a href="https://www.gigahertz-optik.com/en-us/product/ufc-11/">https://www.gigahertz-optik.com/en-us/product/ufc-11/</a>

Product Name	Product Image	Description	Go to product
PD-11 Series		Detector head with DP-11 mount	<a href="https://www.gigahertz-optik.com/en-us/product/pd-11-serie/">https://www.gigahertz-optik.com/en-us/product/pd-11-serie/</a>

## Purchasing information

Article-Nr	Modell	Description
<b>Product</b>		
15297587	UPK-30S105-L	30 mm x 105 mm stretched integrating sphere. ODM98 coating.

## Contact, Calibration, Service & Support

We are known worldwide for excellent technical consulting and after sales support. Contact us to find together the best solution for you. Our services:

- Technical Consulting & Sales
- After-Sales Support
- Calibrations & Re-Calibrations ([ISO/IEC 17025 Calibration Services](#), [factory calibration](#), [Calibration of Third-Party Products](#))
- Repairs & Updates
- OEM & Feasibility Consulting of Customized Solutions

[Send us your inquiry](#) or contact us by phone or e-mail. We would welcome your feedback too or review us on [Google](#).

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