

# UPK-30S60-L

<https://www.gigahertz-optik.com/en-us/product/upk-30s60-l/>

**Product tags:**



## Description

### Stretched Design Specially for Side Emitting Fibers

Integrating sphere models UPK-30S60-L feature a unique stretched design specially made for the measurement of side emitting fibers up to 40mm long. Elongation of the ODM98 coated sphere from 30mm diameter to a length of 60mm 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 light guide connectors. The recommended useful wavelength range of the stretched integrating sphere is from 250 nm to 2500 nm. Gigahertz-Optik's calibration laboratory offers traceable spectral radiant power sensitivity calibration in the wavelength range from 250 nm to 1800 nm.



Integrating Sphere UPK-30S60-TT

The model UPK-30S60-TT is equipped with a test tube guide that prevents the side emitting light guide from contacting the internal integrating sphere coating. The test tube can be removed for cleaning.

## Specifications


### Specification


Coating	ODM98
Sphere diameter	30 mm x 60 mm (long axis)
Measurement Port Diameter	Stainless steel adapter with 2mm 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-30S60-L	pdf	<a href="https://www.gigahertz-optik.com/assets/Uploads/101858_UPK-30-S60-L.pdf">https://www.gigahertz-optik.com/assets/Uploads/101858_UPK-30-S60-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>		
15297145	UPK-30S60-L	30 mm x 60 mm stretched integrating sphere. ODM98 coating.
15296833	UPK-30S60-TT	30 mm x 60 mm stretched integrating sphere with test tube. ODM98 coating.
<b>Accessories</b>		
	UP-DP-11	Optional detector port on request

## Contact, Calibration, Service & Support

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- Technical Consulting & Sales
- After-Sales Support
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- Repairs & Updates
- OEM & Feasibility Consulting of Customized Solutions

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