

# UPK-30S105-L

<http://www.gigahertz-optik.de/en-us/product/UPK-30S105-L>

**Product tags:**






## Description


The UPK-30S105-L model integrating sphere feature a unique stretched design specially made for the measurement of side emitting fibers up to 80mm long. Elongation of the ODM98 coated sphere from 30mm diameter to a length of 105mm 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 250nm to 2500nm. Gigahertz-Optik's calibration laboratory offers traceable spectral radiant power sensitivity calibration in the wavelength range from 250nm to 1800nm.

## 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

## Configurable with

Produktname	Product Image	Description	Show product
BTS256-LED-DA		Compact Bi-Tec measurement device for the measurement of illuminance and luminous flux.  Features: Bajonett adapter with diffusor for the BTS256-LED, +/- 30° cosine corrected field of view, spectral radiant power, color temperature, CRI, chromaticity coordinates, etc.	<a href="http://www.gigahertz-optik.de/en-us/product/BTS256-LED-DA">http://www.gigahertz-optik.de/en-us/product/BTS256-LED-DA</a>
TD-11VL01		Photometric, temperature stabilized detector with DP-11 mount.  Features: for use with integrating spheres, Operation temperature 50 °C, for use with optometers and signal amplifiers	<a href="http://www.gigahertz-optik.de/en-us/product/TD-11VL01">http://www.gigahertz-optik.de/en-us/product/TD-11VL01</a>
PD-11 series		Detector head with DP-11 mount.  Features: modular detector for use with integrating spheres, front lenses etc, Si, SiLP, InGaAs, SiC, GaP photodiodes, for use with optometers and signal amplifiers	<a href="http://www.gigahertz-optik.de/en-us/product/PD-11-Serie">http://www.gigahertz-optik.de/en-us/product/PD-11-Serie</a>

Produktname	Product Image	Description	Show product
UFC-11		<p>Fiber adapter for use with UP and UM type integrating spheres.</p> <p>Features: SMA, FC, SC and ST connectors.</p>	<a href="http://www.gigahertz-optik.de/en-us/product/UFC-11">http://www.gigahertz-optik.de/en-us/product/UFC-11</a>

## Purchasing information

Article-Nr	Modell	Description
15297587	UPK-30S105-L	30 mm x 105 mm stretched integrating sphere. ODM98 coating.
102219	UP-DP-11	Optional detector port.