

UPK-30S60-L

<https://www.gigahertz-optik.de/en-us/product/UPK-30S60-L>

Product tags:



Description

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.

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.



Integrating Sphere UPK-30S60-TT

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

Configurable with

Produktname	Product Image	Description	Show product
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.de/en-us/product/VL-1101
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	https://www.gigahertz-optik.de/en-us/product/PD-11-Serie
UFC-11		Fiber adapter for use with UP and UM type integrating spheres. Features: SMA, FC, SC and ST connectors.	https://www.gigahertz-optik.de/en-us/product/UFC-11

Produktname	Product Image	Description	Show product
-------------	---------------	-------------	--------------

Purchasing information

Article-Nr	Modell	Description
Product		
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.
Accessories		
	UP-DP-11	Optional detector port on request