

UPK-100-L

<https://www.gigahertz-optik.com/en-us/product/upk-100-l/>

Product tags:



Description

The UPK-100-L integrating sphere is one of Gigahertz-Optik's compact size models with ODM98 coating

The 100 mm diameter integrating sphere with 15 mm diameter measurement port offers high light throughput within the spectral range from 250 nm to 2500 nm. 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 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. Standard sphere is equipped with three detector ports.

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	100 mm
Measurement Port Diameter	15 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-100-L	pdf	https://www.gigahertz-optik.com/assets/Uploads/V127815.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/

Product Name	Product Image	Description	Go to 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.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		
15296151	UPK-100-L	100 mm integrating sphere. ODM98 coating. One detector port.
Options		
15298480	UP-DPP	Optional port plug (if one of the three ports is not used)

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