

# UFC-11

<https://www.gigahertz-optik.de/en-us/product/UFC-11>

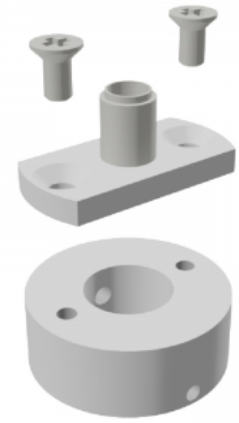
**Product tags:**



## Description

### Modular integrating sphere concept

The modular integrating sphere concept from Gigahertz-Optik offers a high flexibility level when it comes to individual configuration of integrating spheres. In addition to the various components such as port frames, baffles and sockets that can be directly mounted onto the integrating sphere, numerous port adapters with different functions are offered.













*UMPA-0.5-11 port adapter with UFC-11 SMA light guide connector*

### UFC-11 fiber connector adapter

- allow attachment of diode array spectrometer and light sources with fiber output to UP type integrating spheres with UP-DP-11 port and to UM type integrating spheres by use of the UMPA-0.5-11 port adapter
- are offered with SMA, FC, SC and ST connectors

## Configurable with

Produktname	Product Image	Description	Show product
UPB-150-ART		Integrating sphere for universal use in reflection and transmission application.  Features: 150 mm/6" dia. 5 application ports. BaSO4 coating, Precise port alignment and uniform knife-edges because of CNC machined housing. Optional accessories.	<a href="https://www.gigahertz-optik.de/en-us/product/UPB-150-ART">https://www.gigahertz-optik.de/en-us/product/UPB-150-ART</a>
ISM-21-C20-V01		Integrating sphere for liquid absorbance measurements.  Features: 215mm dia. BaSO4 coating, Sample holder for 20mm dia cuvette. Intensity adjustable halogen lamp. SMA detector port.	<a href="https://www.gigahertz-optik.de/en-us/product/ISM-21-C20-V01">https://www.gigahertz-optik.de/en-us/product/ISM-21-C20-V01</a>
UMPA-0.5/11		Port adapter for use with UMPF-0.5 port frame of the UM series modular construction integrating spheres.  Features: To attach TD-11, PD-11 or VL-11 detectors and UFC-11 fiber connectors. Optional diffuser window.	<a href="https://www.gigahertz-optik.de/en-us/product/UMPA-0.5-11">https://www.gigahertz-optik.de/en-us/product/UMPA-0.5-11</a>
UPK-30-L		Integrating spheres with precise machined housings.  Features: 1.18 in / 30 mm dia sphere. 5mm dia measurement port. Detector port. 98% synthetic coating.	<a href="https://www.gigahertz-optik.de/en-us/product/UPK-30-L">https://www.gigahertz-optik.de/en-us/product/UPK-30-L</a>

Produktname	Product Image	Description	Show product
UPK-30S60-L		Integrating spheres with precise machined housings. Features: 1.18 in / 30 mm dia 60 mm long stretched sphere for side emitting fibers. 2mm dia measurement port. Detector port. 98% synthetic coating.	<a href="https://www.gigahertz-optik.de/en-us/product/UPK-30S60-L">https://www.gigahertz-optik.de/en-us/product/UPK-30S60-L</a>
UPK-30S105-L		Integrating spheres with precise machined housings. Features: 1.18 in / 30 mm dia 105 mm long stretched sphere for side emitting fibers. 2mm dia measurement port. Detector port. 98% synthetic coating.	<a href="https://www.gigahertz-optik.de/en-us/product/UPK-30S105-L">https://www.gigahertz-optik.de/en-us/product/UPK-30S105-L</a>
UPK-50-L		Integrating spheres with precise machined housings. Features: 2 in / 50 mm dia sphere. 10 mm dia measurement port. Detector port. 98% synthetic coating.	<a href="https://www.gigahertz-optik.de/en-us/product/UPK-50-L">https://www.gigahertz-optik.de/en-us/product/UPK-50-L</a>
UPK-50-F		Integrating spheres with precise machined housings. Features: 2 in / 50 mm dia sphere. 10 mm dia measurement port. +8 and -8° ports with plugs. Detector port. 98% synthetic coating.	<a href="https://www.gigahertz-optik.de/en-us/product/UPK-50-F">https://www.gigahertz-optik.de/en-us/product/UPK-50-F</a>
UPK-100-L		Integrating spheres with precise machined housings. Features: 4 in / 100 mm dia sphere. 15 mm dia measurement port. Detector port. 98% synthetic coating.	<a href="https://www.gigahertz-optik.de/en-us/product/UPK-100-L">https://www.gigahertz-optik.de/en-us/product/UPK-100-L</a>
UPK-100-F		Integrating spheres with precise machined housings. Features: 4 in / 100 mm dia sphere. 15 mm dia measurement port. +8°, -8° and 0° ports with plugs. Detector port. 98% synthetic coating.	<a href="https://www.gigahertz-optik.de/en-us/product/UPK-100-F">https://www.gigahertz-optik.de/en-us/product/UPK-100-F</a>
UPB-150-ARTA inactive		Integrating spheres with precise machined housings. Features: universal use in light transmittance, reflectance and absorption applications. Five application ports with knife edges. Intern sample holder for cuvette. 6 in / 150 mm sphere. 97% barium sulfate coating.	<a href="https://www.gigahertz-optik.de/en-us/product/UPB-150-ARTA-2">https://www.gigahertz-optik.de/en-us/product/UPB-150-ARTA -2</a>

## Purchasing information

Article-Nr	Modell	Description
<b>Product</b>		
	UFC-11-SMA	
	UFC-11-FC	
	UFC-11-SC	

**Article-Nr**

**Modell**

**Description**

UFC-11-ST