

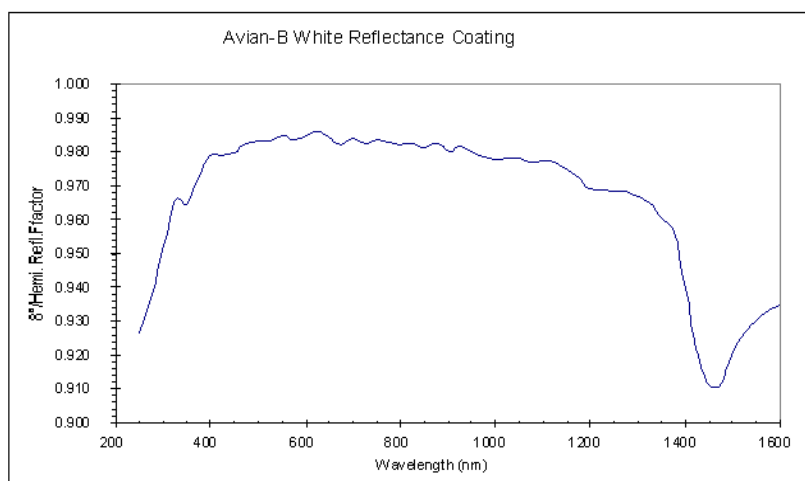
Integrating Spheres



The integrating spheres available from ISI are cost effective solutions for many applications including laser power, flux, reflectance and radiance measurements. The unique manufacture method provides excellent performance levels at extremely competitive prices.

The spheres are manufacturing via 3D printing using sintered nylon with input and output via SMA fibre connectors. The high reflectivity is ensured by using Avian-B reflectance coating and offers a wavelength range of 250nm-1600nm.

Specification	
Ports:	4 x SMA fibre connector ports (2 port optional)
Wavelength Range:	250 to 1600 nm
Reflectance:	>97% from 350-850 nm and above 92% from 250-1300 nm
Dimensions:	56.5 mm x 56.5 mm x 56.5 mm
Mass:	0.125 kg
Mounting:	M4 Thread at South Pole



Features

- Ø50mm sphere in black 3D printed housing.
- 4 ports
- 2 port option available
- Supports SMA fibres
- M4 thread for post mounting

Sphere number	Sphere Diameter	No. of ports	Outer Dimensions	Price
MPS-020-02	50mm	2	56.5mm x 56.5mm x 56.5mm	£359.99
MPS-020-04	50mm	4	56.5 mm x 56.5mm x 56.5mm	£369.99