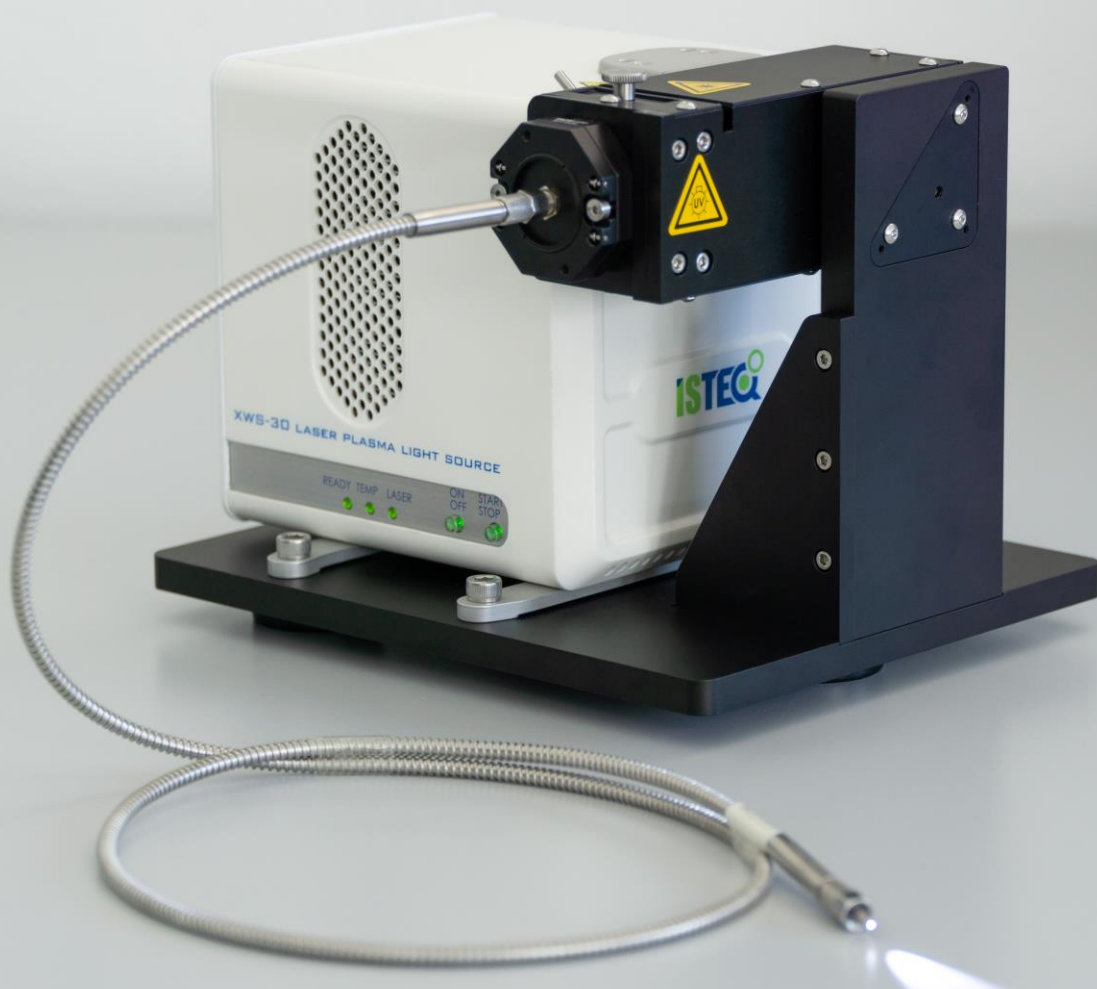


Fiber coupler for XWS-30



Key Features

- For ISTEQ light source XWS-30
- Efficient coupling into multimode fibers
- 200 – 2200 nm wavelength range
- Filter option

Fiber coupler for XWS-30 Datasheet

Efficient coupling into multimode fibers

The fiber coupler can be used in combination with the free radiating light source XWS-30 with high radiance and a very wide spectral range from 200 nm – 2200 nm.

The fiber coupler allows the light to efficiently couple into a multimode fiber. The optical radiation is projected onto the end of the fiber with an off-axis ellipsoid mirror.

Furthermore there is the possibility to regulate the light intensity by an iris diaphragm from 0 – 100 %.

The spectral range can be flexibly limited by using a 1" filter with a maximum thickness of 6 mm.

Adjustment is done with just three screws and is quick and easy.

Specifications

Source	Free-space light source
Output	Multimode fiber, SMA or FC, 100 – 400 µm core diameter
Filter option	1" filter, max. thickness 6 mm
Optical power out of a 200 µm core fiber	> 60 mW
Optical power out of a 400 µm core fiber	> 180 mW
Wavelength range	200 – 2200 nm

About us

Mountain Instruments is a brand of Mountain Photonics GmbH. We aim at adding value to our customers by offering technical service, product development and in-house products.