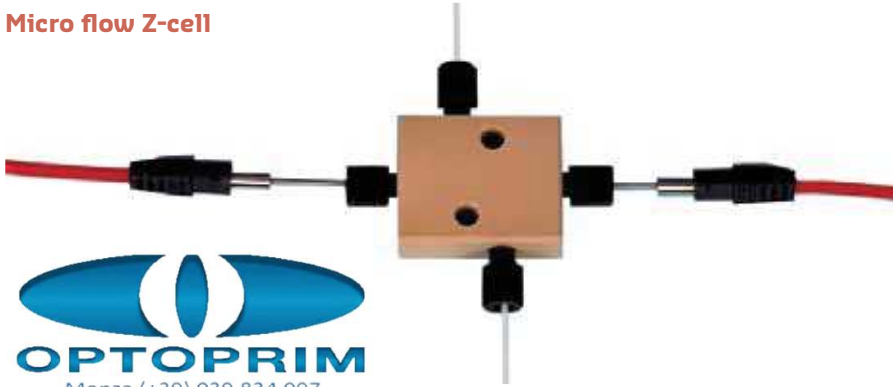


Micro Flow Cell

Micro flow Z-cell



Monza (+39) 039.834.997

Roma (+39) 06.8765.7838

www.optoprim.it info@optoprim.it

For in-line measurements of low liquid volumes, Avantes offers our micro flow cells. The micro flow cells feature a Z-design and can easily be coupled to 1.5 mm PTFE tubing with 0.5 mm inner diameter. Typically these are used for absorption measurements and HPLC applications. Two special fiber-optic cables (FC part number terminating in FIA) are required for coupling with these micro flow cells. The special fiber-optic cable is the window for these flow cells.

Technical Data

Flow Cell Type	Micro flow Z-cell -10	Micro flow cell -1.5
Wavelength Range	200-2500 nm	
Optical path length	10 mm	1.5 mm
Sample volume	18 µl	3 µl
Tubing OD connection	1.5 mm (1/16")	
Pressure rating	10 bar	
Fiber-optic coupling	1.6 mm ferrule	
Dimensions / material	32 x 38 x 13 mm / PEEK	

Ordering Information

FLOWCELL-Z-10	• Flow Z cell with 10 mm optical path
FLOWCELL-1.5	• Flow Z cell with 1.5 mm optical path
FC-UVIR400-1-FIA-SR	• Fiber cable 400 µm, UV/VIS, sol. Resistant for Flow Z cell 10/1.5

Three years
limited warranty on all
Avantes spectrometers,
light sources and accessories