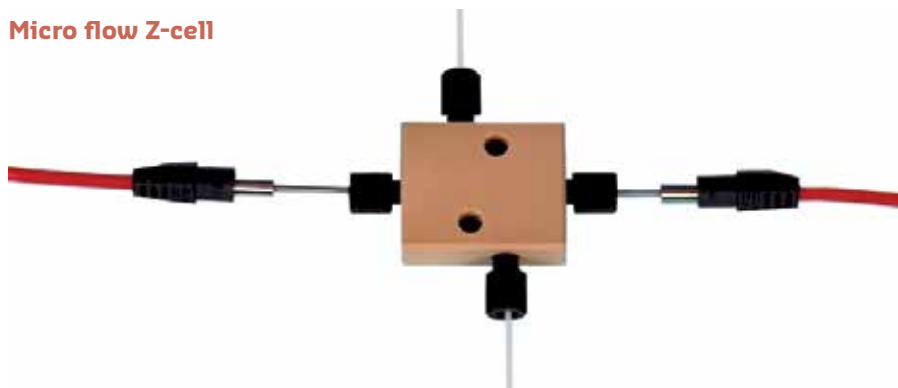


# Micro Flow Cell

## Micro flow Z-cell



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 $\mu$ l	3 $\mu$ l
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

<b>FLOWCELL-Z-10</b>	• Flow Z cell with 10 mm optical path
<b>FLOWCELL-1.5</b>	• Flow Z cell with 1.5 mm optical path
<b>FC-UV400-1-FIA-SR</b>	• Fiber cable 400 $\mu$ m, UV/VIS, sol. Resistant for Flow Z cell 10/1.5

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