





# **Spectroelectrochemical Accessories**

Refs. TFIBER-VIS-UV RPROBE-VIS-UV CLENS

**DropSens** releases different accessories suitable to perform spectroelectrochemistry measurements with our equipments or with any kind of optical equipment:

## Transmission fiber VIS-UV Ref. TFIBER-VIS-UV





#### **Specifications**

- External Material: aluminum
- · Fiber Description: Solarization Resistant Silica UV/VIS fiber
- Number of Fibers: 1
- Fiber Numerical aperture: 0.22±0.02 (equivalent to an acceptance angle of 24.8° in air)
- Diameter of Fiber: 200  $\mu$ m
- Wavelength (nm): 190-1250
- Terminations: SMA905 each end with plastic dust caps
- · Sheathing: Stainless steel monocoil
- Temperature: Ambient
- · Length/Meters: 1

# Reflection probe VIS-UV Ref. RPROBE-VIS-UV

Reflection probe VIS-UV designed to perform reflection experiments suitable to work with our Reflection Cell and our Transmission Cell for our Screen-Printed Electrodes or with any conventional cell.



#### **Specifications**

- External Material: polyimide
- Fiber Description: UV/VIS fiber
- Number of Fibers: 7
- Fiber Numerical aperture: 0.22±0.02 (equivalent to an acceptance angle of 24.8° in air)
- Diameter of Fibers: 200 μm
- \* Wavelength (nm): 190-1250
- Terminations: 6 Illumination around 1 read fiber Peek tip, 6.35 mm, 76.0 mm L SST probe to 2 SMA905's with plastic end caps.
- · Sheathing: Grey Silicone monocoil
- Temperature: Ambient
- Length/Meters: 2





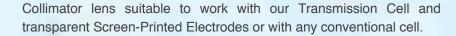




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# Collimator Lens Ref. CLENS





#### **Specifications**

- External Material: stainless steel lens holder
- Description: Single Lens UV
- Focal lenght: 10 mm (adjustable collimator using a 1" OD Hex stainless steel lens holder)
- · Lens Material: f/2 fused silica
- Diameter: 200 μm
- Wavelength (nm): 190-1250
- Terminations: SMA 905
- Connector threads: 3/8-24 external thread
- Operation Temperature: 150 °C
- Characteristics: When used with a 200 µm NA=0.22 step index multimode fiber, the
  expected collimated beam diameter will be about 4.4 mm with a full beam divergence
  angle about 20 mrad.
- Temperature: AmbientLength/Meters: 2.076

A specific cable connector that act as an interface between the Screen-Printed Electrode and any potentiostat (ref. CAC) or *DropSens* potentiostats (ref. CAST) are available.

#### Related products









**ITO10** 





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