



Autoclavable Video-Adaptor with Fixed Focal Length.
Finest Details Even after 500 Sterilization Cycles.

Autoclavable Video-Adaptor with Fixed Focal Length.

Berliner Glas develops and manufactures video adaptors with fixed focal length e. g. for endoscopy. We are able to manufacture hermetically sealed housings with our proprietary key technologies such as glass soldering. The optics in the housing are moved without contact by an ingenious magnetic mechanism.

Therefore, Berliner Glas ensures fully functional lenses even after 500 autoclaving cycles in saturated water vapor. In addition, we offer housings which can also be disinfected with aldehyde and non-aldehyde-based cleaning agents. This makes the use of sterile casings unnecessary.

The video couplers of Berliner Glas are available in several fixed focal lengths and can be adapted to cameras of well-known manufacturers.

The lenses are produced as a private-label product in the housing according to customer requirements.

Berliner Glas is ISO 9001, ISO 14001 and ISO 13485-certified.

Applications

- Medical technology

Properties

Focal lengths	According to customer requirement
Optical resolution	Reduced diffraction of light, vignetting-free
Sterilization methods	Autoclaving Sterrad NX Manual cleaning: Stable for surfactant-based cleaning agents Disinfection: Stable for aldehyde or non-aldehyde-based cleaning agents Machine cleaning in RDG
Camera design	Suitable for camera formats from VGA to HD, 1-chip and 3-chip cameras
Safety glass	Sapphire anti-reflective coating on request
Interface	According to customer requirements, default: C-mount