

# Prizmatix

## Liquid Lightguide

Light delivery system for microscopy Applications

Ver. 1

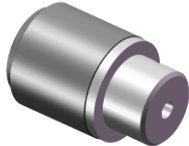
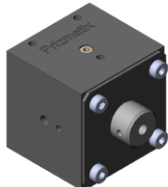
### Introduction

The liquid lightguide is a flexible tube with a liquid core that is used as an alternative to silica optical fibers and provide excellent light transmission. They're highly flexible and do not break. The lightguide has the cross-section of a pipe, and thus has no packing losses like in silica fiber bundles, which have spaces between them where no light goes through.

### Specifications

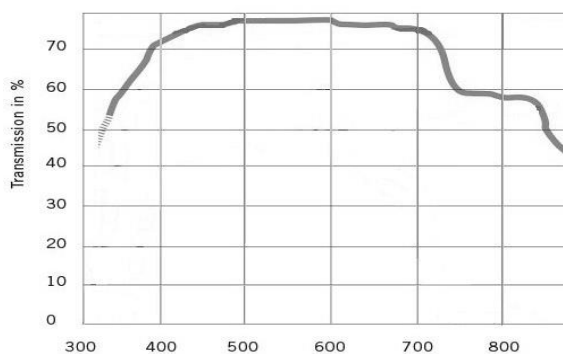
LLG-3	Liquid Light Guide Core 3 mm, Numerical aperture (NA): 0.6, Length 1.5m
LLG-5	Liquid Light Guide Core 5 mm, Numerical aperture (NA): 0.6, Length 1.5m

### Accessories

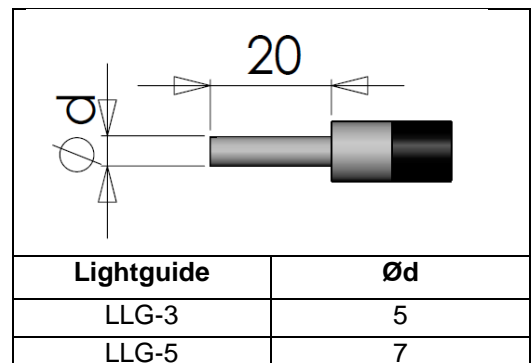
LLG-A	Liquid Light Guide Adaptor enabling coupling of UHP-Mic, UHP-T or Mic-LED into LLG	
LLG-C (Type = N / O / Z / L)	XYZ adjustable Collimator for LLG Light Guide. Nikon, Olympus, Zeiss and Leica adaptors available.	

### Spectral Transmission and Tip Dimensions

Spectral Transmission



Tip dimensions



Dimensions in mm

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