

Prizmatix

Liquid Light-guide

Light delivery system for microscopy Applications

Ver. 2

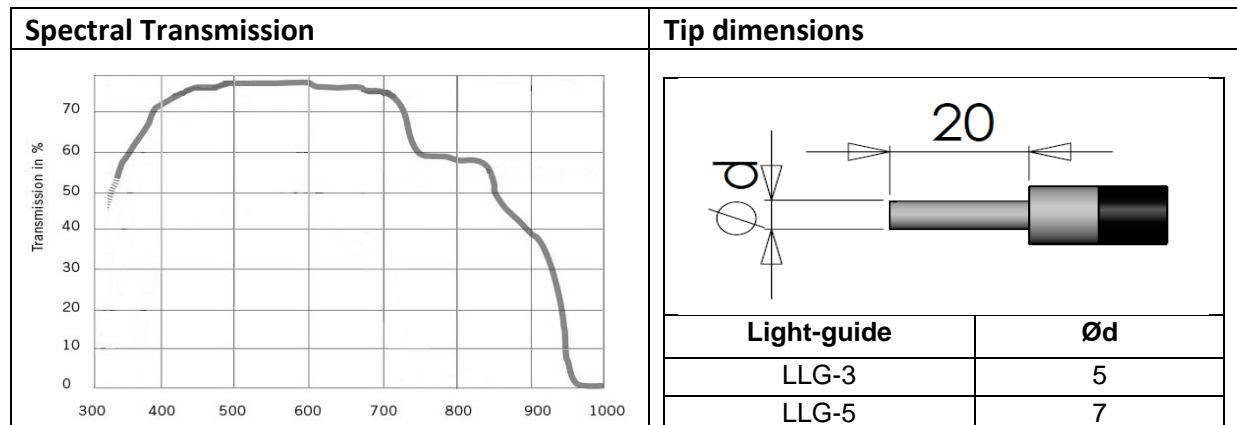
Introduction

The liquid light-guide 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 light-guide 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

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

Spectral Transmission and Tip Dimensions



Accessories

Picture	Description	P/N
	Liquid Light Guide Adaptor (LLG-A) enabling coupling of UHP-Mic, UHP-T or Mic-LED into LLG	LLG-A
	XYZ adjustable Collimator for Liquid Light-guide. To be used at epi-fluorescence port of microscope. Please specify X=3 or 5 for 3mm or 5mm core light-guide. Please specify N for Nikon / O for Olympus / Z for Zeiss / L for Leica microscope type	LLG-CX-Type (X = 3 / 5) (Type = N / O / Z / L) Example: LLG-C5-N

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