

SugarCUBE™ Light Guide Adapter - 5mm



SugarCUBE™ Light Guide Adapter - 5mm (#13-537)

Stock **#13-537** **3 In Stock**

-

1

+

€35⁰⁰

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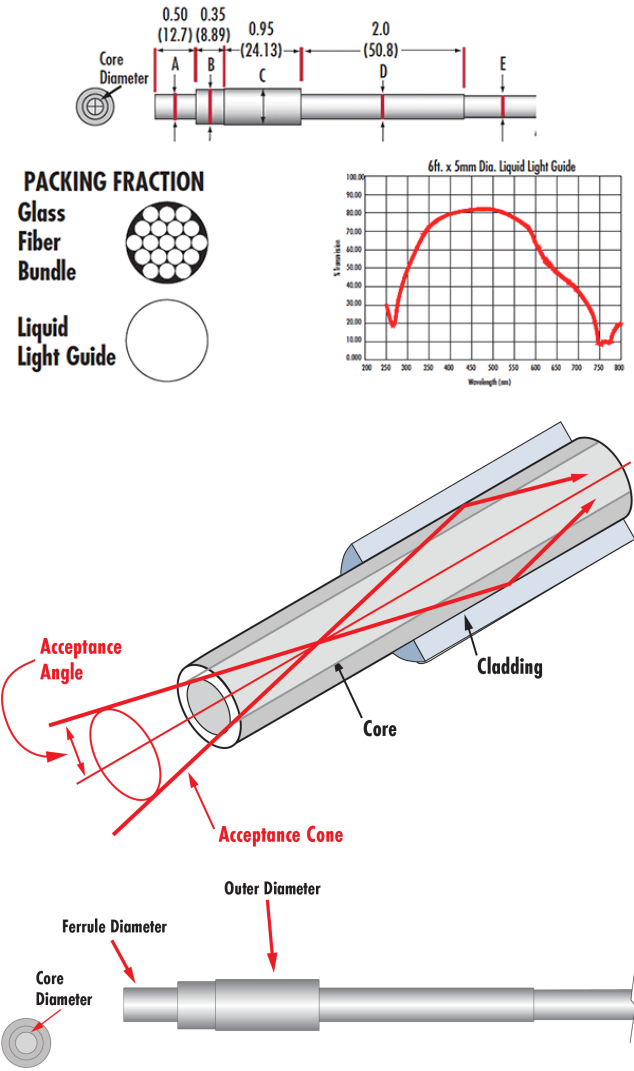
Regulatory Compliance	
Compliant	RoHS 2015:
	View
Compliant	Reach 224:
	View
View	Certificate of Conformance:

Product Details

- NA = 0.55
- No Packing Fraction Loss
- Excellent UV Transmission Properties
- Higher Overall Transmission than Glass Bundles

Liquid Light Guides are ideal for visible and ultraviolet illumination requirements. Unlike glass light guides, liquid guides do not suffer from packing fraction losses—spaces between fibers that cause reduced coupling efficiency (see diagram). These liquid guides cut off the near infrared spectrum, yielding both optimum transmission for visible applications and smaller bandpass for higher contrast color images. Liquid Light Guides have reduced long-wavelength transmission, which results in slightly bluer, higher color temperature output. Repeated handling of liquid light guides does not result in the breakage typical of glass bundles, which reduces efficiency over time. The light guides use quartz windows to seal in non-toxic transmissive medium. These liquid light guides connect to illuminators and filter mounts via the Fiber Optic Adapter [#38-944](#).

Technical Information



Core Diameter	A	B	C	D	E	Stock No.
3mm	0.312"	0.43"	0.50"	0.31"	0.27"	#53-689
3mm	0.312"	0.43"	0.50"	0.31"	0.27"	#53-692
4mm	0.312"	0.50"	0.50"	0.39"	0.37"	#53-690
4mm	0.312"	0.50"	0.50"	0.39"	0.37"	#53-693
5mm	0.312"	0.56"	0.60"	0.43"	0.41"	#53-691
5mm	0.312"	0.56"	0.60"	0.43"	0.41"	#53-694

A cross-section diagram of a liquid light guide. It shows a central core with diameter 'Core Diameter' and five segments labeled A, B, C, D, and E. The dimensions for segments A, B, C, and D are 0.50, 0.35, 0.95, and 2.0 inches respectively. Segment E is shown without a dimension.