

LL3-TV77 Fiber-optic cables

> SICK Sensor Intelligence.

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LL3-TV77 | Fiber-optic cables

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Ordering information



Туре	Part no.
LL3-TV77	5326557

Other models and accessories -> www.sick.com/Fiber-optic_cables

Detailed technical data

Features **Device type** Fiber-optic cables **Functional principle** Through-beam system Threaded sleeve, 90° deflection Fiber-optic head design Application High flexible (static) **Compatible fiber-optic amplifiers** WLL80, WLL180, GLL170(T), WLL24 Ex Depending on the fiber optic amplifier used Sensing range max. Minimal object diameter 0.4 mm ¹⁾ **Optical fiber head** Angle of dispersion 60° Integrated lens No Compatibility tip adapters No **Optical fiber** Compatibility with infrared light No Optical fiber cable can be shortened < Adapter end sleeves required No Included with delivery Mounting, 4 x M4 hexagon nut, 4 x washer, FC fiber cutter (5304141)

 $^{1)}$ Minimum detectable object was determined at optimum measuring distance and optimum setting.

Mechanics

Optical fiber head	
Light emission	Radial
Thread diameter (housing)	M4
Optical fiber taper diameter	≥ 2.6 mm
Optical fiber taper length after 2 mm	≥ 3 mm
Optical fiber	
Fiber length	2,000 mm
Bending radius	2 mm
Dynamic flexibility (robotics)	No
Outside diameter, optical fiber cable connection	2.2 mm
Material	

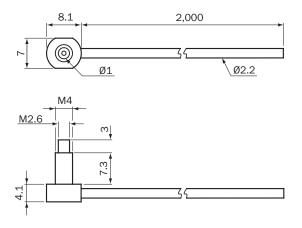
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	Sensing ranges with GLL170T		
Operating mode 250 μs 1,068 mm	Operating mode 50 µs	640 mm	
	Operating mode 250 µs	1,068 mm	

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Dimensional drawing (Dimensions in mm (inch))



SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

WORLDWIDE PRESENCE:

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