

Fiber Optic Interface Kit (USB2.0)

For USB2.0 models: PIXIS | VersArray | Spec-10 | PI-MAX



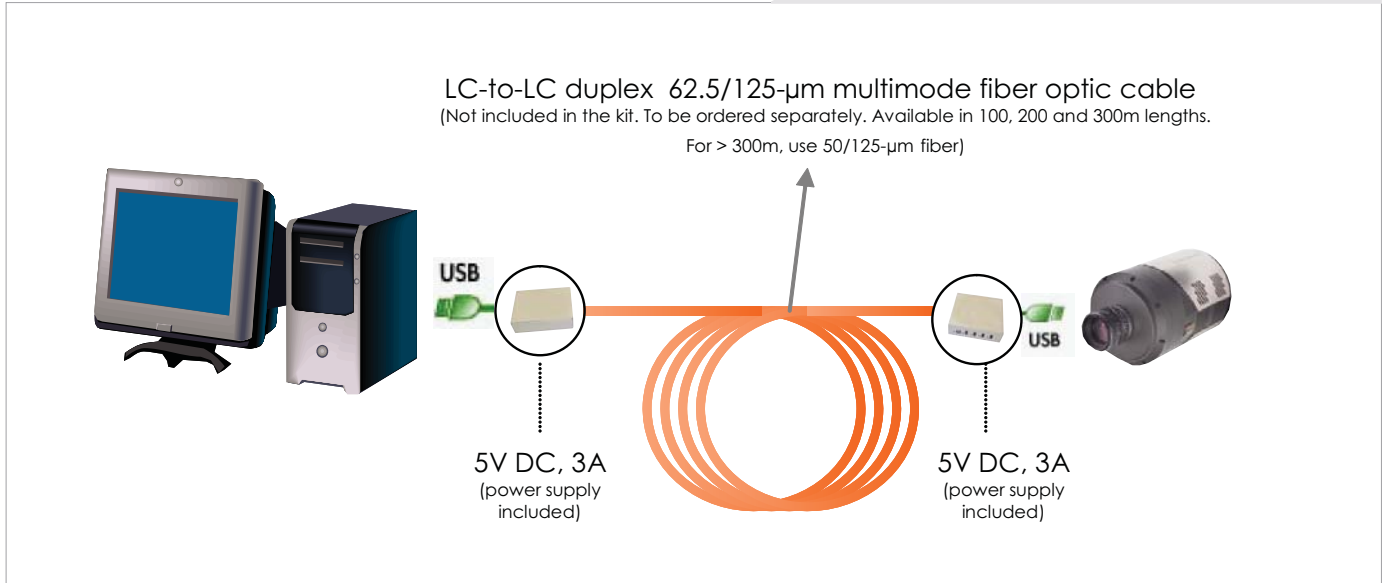
The specially designed fiber optic data interface kit allows the computer and the USB2.0 camera head to be separated by up to 500 meters without the loss of data. The kit consists of two compact, high speed transceivers (interface modules) for completely transparent operation between the host computer and the camera. The FO kit is ideal for hazardous or high EMI environments. This optional kit supports PIXIS, Spec-10, VersArray and PI-MAX family of products as well PI/Acton spectrometers with USB2.0 data interface.

Specifications

Cameras Supported	PIXIS, PIXIS-XO, PIXIS-XF, Spec-10, VersArray, PI-MAX family of cameras and spectrometers with USB2.0 interface
Fiber connector	LC-to-LC duplex
Camera/spectrometer connector	USB2.0
Fiber*	62.5/125µm multimode for up to 300m; for >300meters use 50µm/125µm multimode
Distance	Up to 500meters
Connectors	Host end module: 1x USB type B, Duplex LC Camera end module: 4x USB type A, Duplex LC
Data throughput	Max. 480 Mbits/sec
Dimensions (W x H x L)	Host end module: 107mm x 84mm x 34mm (4.25" x 3.4" x 1.4") Camera end module: 114mm x 106mm x 38mm (4.5" x 4.2" x 1.5")
Weight	0.3 kg (0.6 lb) each
Power input	5V; 3A max for each interface module (appropriate power supply modules are supplied)
Operating Temperature	4°C to 40°C operating
Operating Systems	Windows 2000/XP, Linux

*Not included. To be ordered separately

Connection Diagram



Ordering information

PI/Acton Part Number	Description
2475-0073	Fiber Optic Transceiver Kit for USB2.0 (PIXIS, Spec-10, VersArray, PI-MAX)
2475-0042	100m, LC-to-LC duplex 62.5/125- μ m Fiber optic cable
2475-0043	200m, LC-to-LC duplex 62.5/125- μ m Fiber optic cable
2475-0044	300m, LC-to-LC duplex 62.5/125- μ m Fiber optic cable

Note: for >300m lengths, use 50/125 μ m fiber. Contact factory

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