















Flexible Borescopes / Fiberscopes

Specifications Common to all models		
	<p>All FB Series Scopes use leached coherent image bundles of <i>Borosilica</i> fibers- that are the same quality as more the expensive Japanese and German Brand units. This is an important distinction when comparing other brand Fiberscopes that are at a lower price. Also, our pixel density is higher and depends on each specific model scope. <u>We do not use quartz or plastic fibers</u>, are designed for rugged, industrial use with diameters (ø) as small as 0.094" and up to 19.7 Ft.. Tungsten impregnated protective braid is used to protect the insertion section of the scope. All scopes are fully sealed and liquid proof with a view straight ahead and articulation allows off axis viewing. All prices and specs are subject to change without notice. <u>The PLS-24 Metal Halide Light source is included in all the prices below.</u></p>	
 Insertion Section	Tungsten Impregnated Braid including articulated tip. Steel Monocoil also internal to scope, Fully sealed epoxy joints, rugged construction.	Standard
 Eyepiece	Focusable, 32mm ø, Magnification 25x, Aluminum with matte powder coated finish	Standard
Depth of Field	Minimum Focal distance from tip at 0°	5mm
Image Bundle	Coherent Leached Borosilica Fibers	Standard
Light Bundle	Non-Coherent Glass	Standard
	Attached light guide cable, 1.5 Meter Standard, can be extended with optional light guide cables.	1.5 Meter
Pressure Resistance	To 1 bar (14.5 psi)	(14.5 psi)
Temperature Range	-10° -80° C (14° -176° F)	Standard
Fluid Resistance	Insertion section will withstand immersion in water, mineral and synthetic oils, hydraulic fluids, aviation fuel, kerosene, gasoline and diesel fuel	Standard
Instrument Cases	All Scopes are supplied with lightweight form fitted foam padded carrying cases for transporting and storage.	

PACIFIC BORESCOPIES

(805) 520-8200

Model P/N	Diameter ϕ	Working Length	Price
2.4mm x 2 Way Articulation (+/- 120°) --- Field of View 40°, Bend Radius 15mm (0.59")			
FB2-2-040P	2.4 mm (0.094")	0.4 Meters (1.3 Ft.)	\$ 5,536.
FB2-2-070P	2.4 mm (0.094")	0.7 Meters (2.3 Ft.)	\$ 5,857.
FB2-2-100P	2.4 mm (0.094")	1.0 Meters (3.3 Ft.)	\$ 6,114.
FB2-2-130P	2.4 mm (0.094")	1.3 Meters (4.3 Ft.)	\$ 6,370.
3.5mm x 2 Way Articulation (+/- 120°) --- Field of View 50°, Bend Radius 35mm (1.38")			
FB2-3-100P	3.5 mm (0.138")	1.0 Meters (3.3 Ft.)	\$ 5,032.
FB2-3-130P	3.5 mm (0.138")	1.3 Meters (4.3 Ft.)	\$ 5,890.
FB2-3-150P	3.5 mm (0.138")	1.5 Meters (4.9 Ft.)	\$ CALL
4.0mm x 2 Way Articulation (+/- 120°) --- Field of View 50°, Bend Radius 35mm (1.38")			
FB2-4-100P	4.0 mm (0.157")	1.0 Meters (3.3 Ft.)	\$ 4,690.
FB2-4-130P	4.0 mm (0.157")	1.3 Meters (4.3 Ft.)	\$ 5,235.
FB2-4-150P	4.0 mm (0.157")	1.5 Meters (4.9 Ft.)	\$ 5,815.
FB2-4-100HRP	4.0 mm (0.157")	1.0 Meters (3.3 Ft.)	\$ 4,990.
FB2-4-130HRP	4.0 mm (0.157")	1.3 Meters (4.3 Ft.)	\$ CALL
FB2-4-150HRP	4.0 mm (0.157")	1.5 Meters (4.9 Ft.)	\$ CALL
6.0mm x 2 Way Articulation (+/- 120°) --- Field of View 60°, Bend Radius 35mm (1.38")			
FB2-6-100P	6.0 mm (0.236")	1.0 Meters (3.3 Ft.)	\$ 4,598.
FB2-6-150P	6.0 mm (0.236")	1.5 Meters (4.9 Ft.)	\$ 5,481.
FB2-6-200P	6.0 mm (0.236")	2.0 Meters (6.6 Ft.)	\$ 6,615.
FB2-6-300P	6.0 mm (0.236")	2.7 Meters (9.0 Ft.)	\$ 8,591.
6.0mm x 4 Way Articulation (160° Up, 130° Down, +/-100° Left / Right) ---Field of View 55°, Bend Radius 45mm (1.79")			
FB4-6-100P	6.0 mm (0.236")	1.0 Meters (3.3 Ft.)	\$ 6,017.
FB4-6-150P	6.0 mm (0.236")	1.5 Meters (4.9 Ft.)	\$ 6,859.
FB4-6-200P	6.0 mm (0.236")	2.0 Meters (6.6 Ft.)	\$ 8,290.
FB4-6-300P	6.0 mm (0.236")	2.7 Meters (9.0 Ft.)	\$ 9,141.
8.0mm x 4 Way Articulation (160° Up, 130° Down, +/-100° Left / Right) --Field of View 60°, Bend Radius 35mm (1.38")			
FB4-8-100P	8.0 mm (0.318")	1.0 Meters (3.3 Ft.)	\$ CALL.
FB4-8-150P	8.0 mm (0.318")	1.5 Meters (4.9 Ft.)	\$ CALL.
FB4-8-200P	8.0 mm (0.318")	2.0 Meters (6.6 Ft.)	\$ CALL
FB4-8-300P	8.0 mm (0.318")	2.7 Meters (9.0 Ft.)	\$ CALL
FB4-8-450P	8.0 mm (0.318")	4.5 Meters (14.8 Ft.)	\$ CALL
FB4-8-600P	8.0 mm (0.318")	6.0 Meters (19.7 Ft.)	\$ CALL
PLS-24 Metal Halide, High Intensity Light source- Included in prices above			
	24 Watt Metal Halide Light Source, Industry Standard, propriety bulb technology, small spot size for increased intensity, Low current draw, 500 hour bulb life compared to 40 hours on Halogen Bulbs.		
Fiberscope Accessories and Options:			
FB Series Models		Specialized Non-Conductive coating on insertion section for full insulation. Applications for hazardous environments.	Special Order
FB2-4-SV	4mm, 90° Side View Prism, FOV 50 °		\$ 425.
FB2-6-SV	6mm, 90° Side View Prism, FOV 60 °		\$ 425.
FB4-8-SV		8mm, 90° Side View Prism, FOV 55 °	\$ 425.
	Comes standard with ACMI type, Light Guide Plug adapters for Machida or Olympus available to use with your existing light sources.		\$ CALL

Light Source Options			
PLS-24B		24 Watt Metal Halide Light Source- Belt mount, this the lighter weight version of the PLS-24 for very portable operation, when combined with PS-DC1 as shown it becomes a hands-free fully DC portable solution to go anywhere without the need for AC Power.	\$ Call.
PLS-DC1		Rechargeable DC Power Pack and Charger, in Cordura case with belt loop. Compatible with PLS-24, PLS-24B and to power CCD Video Cameras and accessories. Operation time up to 1.5 Hours.	\$ 299.
Color Video on LCD Monitor			
PVK-LCD7WC		Color Video Kit Includes compact, lightweight 420 Line Color CCD Video Camera, Focusable Video Adapter and 7.0" Color LCD Monitor with NiMh rechargeable battery, neck/waist strap for hands free operation, charger, USB 2.0 Video and Photo Capture Hardware and software for documenting inspections on your PC.	\$ 1,975.
PVK-NM1		420 Line Color CCD/Video Adapter (customer supplies monitor or uses PC for viewing). Attaches to eyepiece of Fiberscope and supplies Composite Video RCA connector output to any monitor, VCR, DVD Capture, TV or other analog or digital device.	\$ 1,295.
Color Video or Stills on Compact Flash and Hard Disk			
PVA-MP3		Portable, Hand Held Video Capture and storage device- no computer required, DC portable, LCD screen and Internal Hard Drive to review and save monitor recording to MPEG Format.	\$ 899.
FB-PRO-Kit-Plus		AIV-PRO Imaging hub kit for Fiberscopes. This 4.8 lb, compact and AC or DC portable unit has integrated 6" LCD Screen, 24 Watt Metal Halide Light Source, Image Capture in a 4lb package and includes CCD video camera and focusable video adapter. Shown here attached to optional FB-Series Fiberscope.	\$ 6,220.