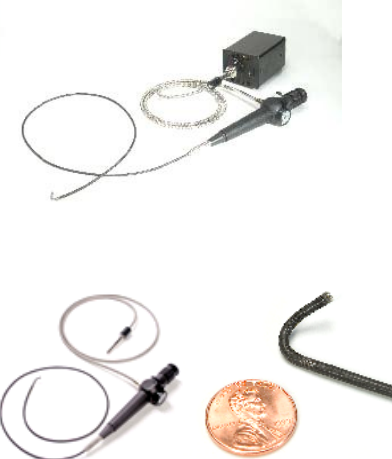









# Flexible Fiberoptic Borescopes

Specifications Common to all models		
	<p>All FB Series Scopes use high resolution 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 brands that are at a lower price. <b><u>We do not use quartz or plastic fibers.</u></b> Each scope is designed for rugged, industrial use, one- hand operation, a sensitive zero centering point, with diameters (<math>\phi</math>) 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.</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 $\phi$ , 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

(602) 412-3414

Model P/N	Diameter $\phi$	Working Length	Price
<b>2.4mm x 2 Way Articulation (+/- 120°) --- Field of View 48°, Bend Radius 15mm (0.59"), 6500 Fibers</b>			
FB2-2-040	2.4 mm (0.094")	0.4 Meters (1.3 Ft.)	\$ CALL
FB2-2-070	2.4 mm (0.094")	0.7 Meters (2.3 Ft.)	\$ CALL
FB2-2-100	2.4 mm (0.094")	1.0 Meters (3.3 Ft.)	\$ CALL
FB2-2-130	2.4 mm (0.094")	1.3 Meters (4.3 Ft.)	\$ CALL
<b>3.5mm x 2 Way Articulation (+/- 120°) --- Field of View 52°, Bend Radius 35mm (1.38"), 8500 Fibers</b>			
FB2-3-100	3.5 mm (0.138")	1.0 Meters (3.3 Ft.)	\$ CALL
FB2-3-130	3.5 mm (0.138")	1.3 Meters (4.3 Ft.)	\$ CALL
FB2-3-150	3.5 mm (0.138")	1.5 Meters (4.9 Ft.)	\$ CALL
<b>4.0mm x 2 Way Articulation (+/- 120°) --- Field of View 52°, Bend Radius 35mm (1.38"), 11,900 Fibers</b>			
FB2-4-100	4.0 mm (0.157")	1.0 Meters (3.3 Ft.)	\$ CALL
FB2-4-13	4.0 mm (0.157")	1.3 Meters (4.3 Ft.)	\$ CALL
FB2-4-150	4.0 mm (0.157")	1.5 Meters (4.9 Ft.)	\$ CALL
FB2-4-100HR	4.0 mm (0.157")	1.0 Meters (3.3 Ft.)	\$ CALL
FB2-4-130HR	4.0 mm (0.157")	1.3 Meters (4.3 Ft.)	\$ CALL
FB2-4-150HR	4.0 mm (0.157")	1.5 Meters (4.9 Ft.)	\$ CALL
<b>6.0mm x 2 Way Articulation (+/- 120°) --- Field of View 63°, Bend Radius 35mm (1.38"), 13,000 Fibers</b>			
FB2-6-100	6.0 mm (0.236")	1.0 Meters (3.3 Ft.)	\$ CALL
FB2-6-150	6.0 mm (0.236")	1.5 Meters (4.9 Ft.)	\$ CALL
FB2-6-200	6.0 mm (0.236")	2.0 Meters (6.6 Ft.)	\$ CALL
FB2-6-300	6.0 mm (0.236")	2.7 Meters (9.0 Ft.)	\$ CALL
<b>6.0mm x 4 Way Articulation (160° Up, 130° Down, +/-100° Left / Right) ---Field of View 63°, Bend Radius 45mm (1.79"), 13,000 Fibers</b>			
FB4-6-100	6.0 mm (0.236")	1.0 Meters (3.3 Ft.)	\$ CALL
FB4-6-150	6.0 mm (0.236")	1.5 Meters (4.9 Ft.)	\$ CALL
FB4-6-200	6.0 mm (0.236")	2.0 Meters (6.6 Ft.)	\$ CALL
FB4-6-300	6.0 mm (0.236")	2.7 Meters (9.0 Ft.)	\$ CALL
<b>8.0mm x 4 Way Articulation (160° Up, 130° Down, +/-100° Left / Right) --Field of View 63°, Bend Radius 35mm (1.38"), 16,000 Fibers</b>			
FB4-8-100	8.0 mm (0.318")	1.0 Meters (3.3 Ft.)	\$ CALL
FB4-8-150	8.0 mm (0.318")	1.5 Meters (4.9 Ft.)	\$ CALL
FB4-8-200	8.0 mm (0.318")	2.0 Meters (6.6 Ft.)	\$ CALL
FB4-8-300	8.0 mm (0.318")	2.7 Meters (9.0 Ft.)	\$ CALL
<b>Halogen, Metal Halide and LED Hand-Held High Intensity Light sources- Quoted Separately</b>			
	Quoted specifically to solve your application at the best price, we offer several light sources. Our most popular unit uses patented proprietary bulb design for small spot size achieving increased intensity, Low current draw, 500 hour bulb life compared to 40 hours on Halogen Bulbs. Prices vary depending upon model- ask for a quote.		
<b>Fiberscope Accessories and Options:</b>			
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 °	\$ CALL
FB2-6-SV		6mm, 90° Side View Prism, FOV 60 °	\$ CALL
FB4-8-SV		8mm, 90° Side View Prism, FOV 55 °	\$ CALL
	Comes standard with ACMI type, Light Guide Plug adapters for Machida or Olympus available to use with your existing light sources.		\$ CALL
<b>Light Source Options</b>			

# PACIFIC BORESCOPIES

(602) 412-3414

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.	\$ Call.
<b>Color Video on LCD Monitor</b>			
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.	\$ Call.
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.	\$ Call.
<b>Color Video or Stills on SD Memory Card</b>			
PBE-1		Capture System- Used with Fiberoptic Boreoscope applications, its's portable, handheld, and used for Video Capture and storage - no computer required, DC portable, LCD screen and Internal memory to review and save boreoscope images. Photo shown with scope and light source quoted separately.	\$ Call.
PB-50-MH1		50 Watt Metal Halide Light Source. Special order device for specialized and critical applications where the 24 Watt source does not provide enough lighting.	\$ Call.

# PACIFIC BORESCOPIES

(602) 412-3414

PB-120-UV		120 Watt Ultraviolet High Intensity Light source. Note: requires special order terms and application verification.	\$ Call.
PB-CD-XSO		Centering Devices- Depending upon the application, we provide and quote these items separately where needed.	\$ Call.
PB-25-LCD1		Smallest compact bright TFT LCD monitor available on the market for versatile applications.	\$ Call
PB-RF-XSO		Rigidizer for Flexible Scopes, where the application requires the added maneuverability	\$ Call.
PB-GA-XSO		Gripper Device for specialized applications.	\$ Call.
PB-CC-AC1		Accessories Carrying Case for added storage and carrying. Durable and flight suitable.	\$ Call.