

MACHINE VISION LINE ARRAY FIBER OPTIC

The Fiber Optic Machine Vision Line Array uses a high output 0.66 N.A. glass fiber to produce uniform lines of light. The flexible sheathing allows the line array to adapt to a variety of positions to suit customer's specific applications. The MVLA's rugged, industrial-grade extruded aluminum



housing has a durable/black powdered coating and is completely sealed using silicone gaskets. A T-slot is designed to facilitate easy mounting, which runs the entire length of the housing. When combined with a focusing rod lens, this product is an ideal light source for high speed line scan applications, which requires a line of uniform light.

Features

- Cool/Uniform illumination
- Mountable, rugged, sealed aluminum housing
- Accept cylindrical lens with mounting brackets
- Accepts sealed lens hood
- Custom configurations available
- 0.66 N.A. (82° acceptance cone)
- Fiber Size: 0.002" diameter (50 micron)

Fixed Focus Unsealed Lens Attachments	
FL10002MB	For LA20036M
FL10003MB	For LA28036M
FL10006MB	For LA39036P
FL10009MB	For LA48036P
FL10012MB	For LA55036P

Adjustable Focus Unsealed Lens Attachments	
FL10002AB	For LA20036M
FL10003AB	For LA28036M
FL10006AB	For LA39036P
FL10009AB	For LA48036P
FL10012AB	For LA55036P

Fixed Focus Sealed Rod Lens Attachments	
FL04002SC	For LA20036M
FL04003SC	For LA28036M
FL04006SC	For LA39036P



TECHNIQUIP MACHINE VISION LINE ARRAYS

Part #	Cable Length	End Tip Dia.	Linear Length	Field of View
Monocoil Sheathing				
LA20036M	36"	0.195"	3.5"	1.5"
LA28036M	36"	0.276"	5"	3"
PVC Metal Hose				
LA39036P	36"	0.39"	8"	6"
LA48036P	36"	0.48"	11"	9"
LA55036P	36"	0.553"	14"	12"

