

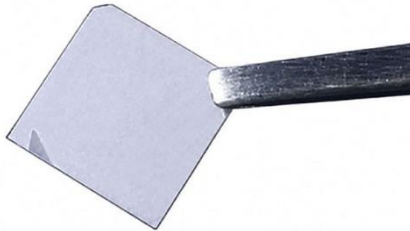
# Light Blocking Element

(Protected by US patents pending)



DATASHEET

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The LBEL is a passive small optical element specifically designed for use in a wide range of Agiltron fiber-optic components to block, reflect, or redirect optical signals. It is optimized for applications requiring compact size, high reliability, and precise optical performance. The design is simple and cost-effective, and it is fully compatible with high-volume wafer fabrication and automated assembly processes, enabling economical mass production while maintaining consistent quality and performance.

## Features

- Compact
- High Reliability
- Low IL, PDL, WDL & TDL
- Intrinsic tolerance to ESD

## Specifications

Parameter	Min	Typical	Max	Unit
Blocker Size	1.4		2	mm
Optical Power Handling		400		mW
Wavelength	400	1550	2600	Ohm
Angle	0		45	°
Operating Temperature	-5		75	°C
Storage Temperature	-40		85	°C

## Applications

- Optical Components
- Instrumentation



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[P +1 781-935-1200](tel:+17819351200)

[E sales@agiltron.com](mailto:sales@agiltron.com)

[W www.agiltron.com](http://www.agiltron.com)

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### Dimension

### Ordering Information (Part Number)

Prefix	Wavelength	Size	Grove	Type	Configuration	Transmission	Package
<b>LBEL-</b>	1550 = 5 1310 = 3 1260–1650 = A 1850–2200 = 2 960–1080 = 1 720–980 = 8 620–650 = 6 440–650 = 5 350–530 = 4 Broad Band = B	0.55mm = 55 0.35mm = 35 1.9mm = 19 2.0mm = 20 1.4mm = 14 N/A = NN	125 μm = 1 250 μm = 2 450 μm = 4 N/A = N	VOA = VOAC ATHENA = ATHE FFVOA PM = FVOP FFVOA SM = FFVOS MANUAL VOA = MVOA TAP MONITOR = TMIT SWITCH 1x2 PM = SWPM SWITCH 1x2 SM/MM = SWSM SWITCH 5x6 = SW56 SWITCH 3x4 = SW34 SWITCH 2x3 = SW23 LBSW = LBSW V500-4 = V500 POLARIZ = PLOR K-II 1550 = KII5 K-11 1310 = KII3	LATCH = L NLATCH = N N/A = 1	Transparent = 1 Opaque = 2 N/A = N	Bare = 2 Sub-mount = 1 Special = 0