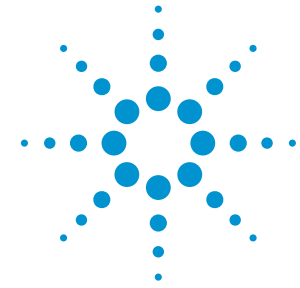


## Agilent E1834E, E1834G, E1834J, E1834M, E1834Z Mounted Beam Delivery Optics



Agilent's E1834x is a series of beam delivery optics in high performance mounts that offer the high pointing stability required for transducer systems. They can be used for routing the laser beam throughout the laser interferometer system and are available in a variety of splitting percentages and mounting configurations.



### Key features

- 4 beam splitting percentages and 2 mounting configurations.
- 8 flexure feet designed for 6 °C range.
- 416 stainless steel housing for low CTE.
- 11 mm clear aperture for up to 9 mm diameter laser beam.
- Excellent reflected beam pointing accuracy relative to machined datums.

*Agilent E1834E/G/J/M/Z Mounted Beam Delivery Optics.*

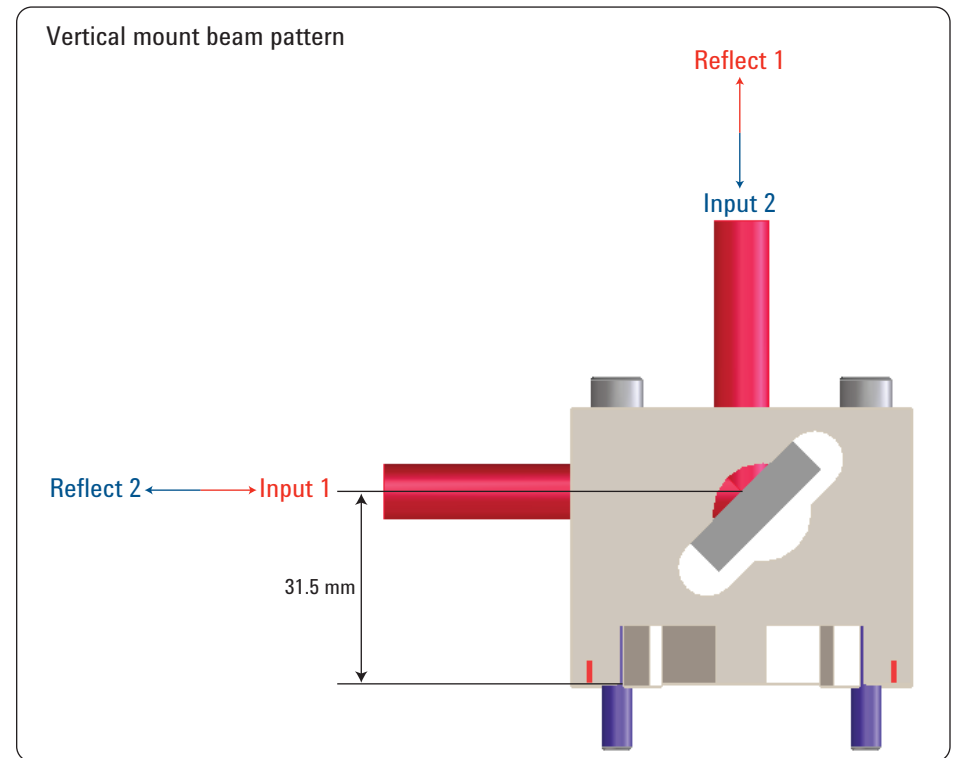
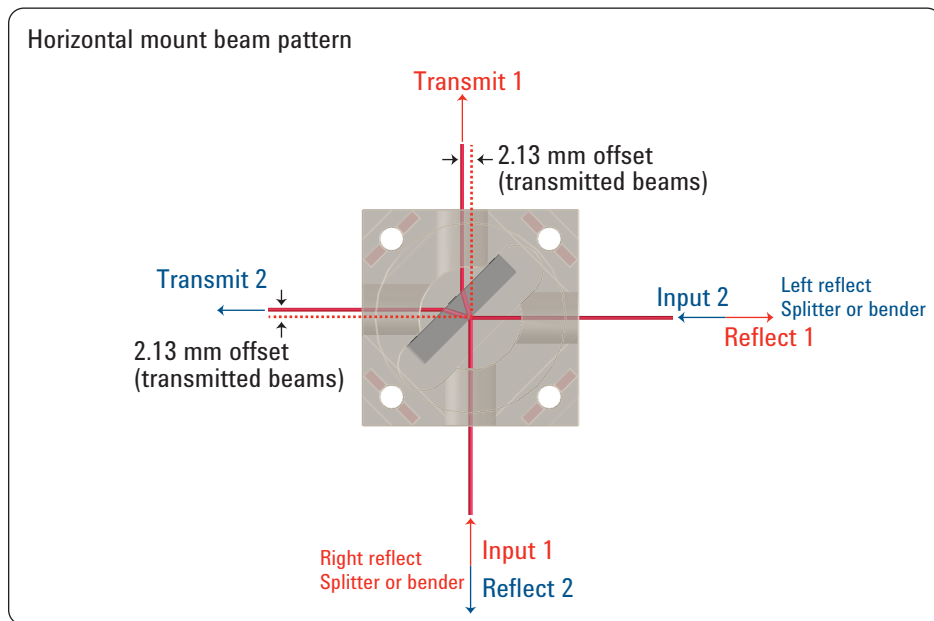


## Quick Fact Sheet

# Agilent E1834E, E1834G, E1834J, E1834M, E1834Z Mounted Beam Delivery Optics

## Product specifications

Model	Splitter reflective %	Optical efficiency	Mount configuration	
E1834E	33%	±5%	Horizontal	• Reflected beam pointing accuracy - Pitch: ≤ 2.0 mrad - Yaw: ≤ 1.5 mrad
E1834G	50%	±5%	Horizontal	
E1834J	67%	±5%	Horizontal	• Beam Height: 31.5 mm • L x W x H: 55 mm x 55 mm x 45 mm
E1834M	100%	±5%	Horizontal	
E1834Z	100%	±5%	Vertical	



For more details on Agilent interferometry systems, components and ordering information please visit [www.agilent.com/find/lasers](http://www.agilent.com/find/lasers)

