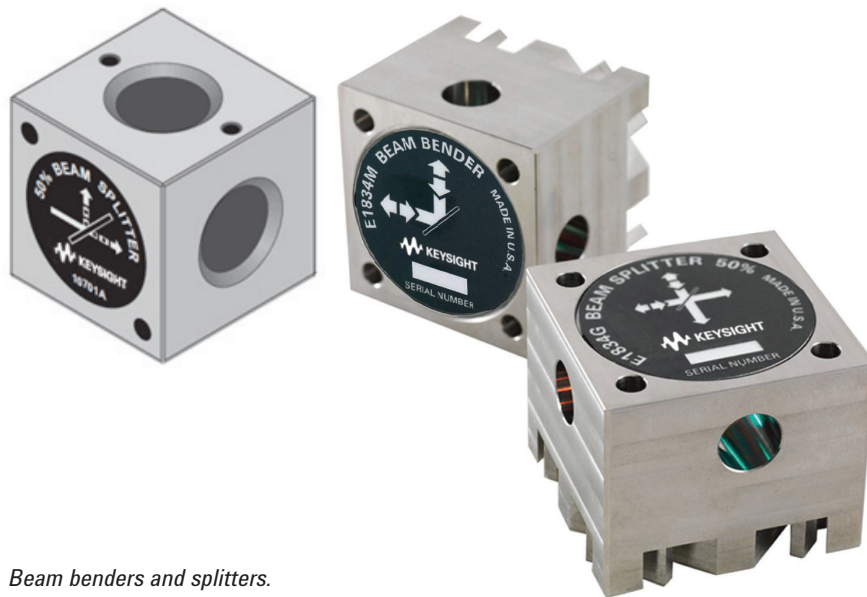


Keysight Technologies, Inc. Laser Interferometer Beam Directing Optics

Keysight offers a selection of beam directing optics, both mounted and bare, for use with Keysight Laser Interferometer systems. All systems should use at least one beam bender, and multi-axis system will need at least one beam splitter. Some of the benders and splitters are referenced, some use the 10710B adjustable mount, and some require a customer supplied mount.



Beam benders and splitters.

Key features

- Multiple beam splitting percentages available
- Standard 1" interchangeable cube size for most products
- High precision beam manipulators simplify optical alignment

Selection Guide

Splitter reflective percent	Referenced optic	In 1" cube housing	Bare optic		Beam manipulators
0	-	-	-	-	N1209A
4	-	10700B	10725B	-	-
15	-	10700C	10725C	E1833C	-
33	E1834E	10700A	-	E1833E	-
50	E1834G	10701A	10725A	E1833G	-
67	E1834J	-	-	E1833J	-
100	- E1834M - E1834Z	10707A	10726A	E1833M	-
Dimensions (L x W x H) in mm					
	55 x 55 x 45	25.4 x 25.4 x 25.4	- Ø 19.3 x 2.41 - 22 x 30.48 x 7.62 (10726A)	23 x 33 x 6.38	60 x 60 x 52.7
Transmitted beam offset in mm					
	2.13	0.8	0.8	2.13	User adjust
Clear aperture in mm					
	11	10.16	- 16.5 - 19.05 x 26.92 (10726A)	29 x 19	- 16 (Risley prism) - 19 (Translator)
Mount					
	None required	10710B	User supplied		None required
Data sheets pub					
	5990-6651EN	5964-6190E		5989-4740EN	N1209-90004 user's guide
QFS pub					
	5990-5055EN	5990-8267EN			
Other pub for more info					
	-	05517-90086 laser and optic user manual vol II chap 17			

www.keysight.com/find/lasers