

IV-E602A Fresnel's BI-Prism Experiment (With Research Optical Bench)

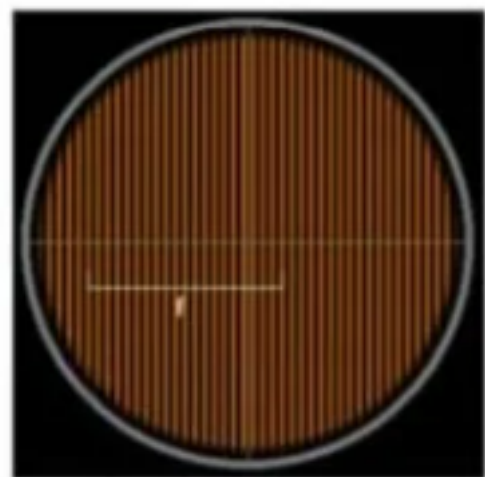
- Optical Slit: Optically true stainless jaws, spring action for opening of jaws eliminated to ensure original accuracy even after prolonged use. Jaws open uniformly all along through a milled head, jaw alignment tested for optical accuracy.
- Fresnel's Bi-Prism: Fresnel's biprism consist of two prisms of very small angles joined base to base.
- Bi-Prism Holder: Bi-Prism holder has the fine radial motion by a fine pitch screw.
- Lens Holder: Lens holder is automatic spring action for equal opening and closing both sides.
- Micrometer Eyepiece: Ramsden Eyepiece, 10x, is carried on a slider which moves along a micrometer screw accurately made L.C. =0.01mm.

Apparatus Supply:

- Sodium Lamp
- Sodium Transformer
- Sodium Lamp House



Calculate d_2



Calculate f