

NOTES:

1. Material: UVFS;
2. Wedge: <30 arcsec;
3. LDT: >30 mJ/cm², 50 fsec, 100Hz, 343 nm;
4. Coating adhesion and durability: MIL-C-675A;
5. G - Fine ground surface;
6. All dimensions are in mm;



Isometric view 1:1



Specifications are subject to change without notice
Dimensions are for reference only

| Parameters | | |
|---------------------|---------------------------------------|------------------------------|
| | S1 | S2 |
| Shape | Plano | Plano |
| Surface quality | 20-10 s/d | 20-10 s/d |
| Surface flatness | $\lambda/10$ @632.8 nm | $\lambda/10$ @632.8 nm |
| Protective chamfers | 0.2 - 0.3 mm x 45° | 0.2 - 0.3 mm x 45° |
| Clear aperture | ≥85% | ≥85% |
| Coating | Ravg=70±3%@343nm, AOI=45°, Low GDD | ARavg<0.5%@343nm, AOI=45° |



D=12.7 mm, Femtoline Laser Beamsplitter

| Proprietary | | Name | Date | Part number | Rev. | Scale |
|---|----------|------|------------|-------------|------|-------|
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| | Drawn | M.B. | 2020.11.26 | | | |