

NOTES:

1. Material: UVFS;
2. Wedge: <30 arcsec;
3. LDT: >50 mJ/cm², 50 fsec, 100Hz, 1030 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	Rp=80±3%@400nm, AOI=45°, Low GDD	ARp<0.5%@400nm, AOI=45°



D=12.7 mm, Femtoline Laser Beamsplitter

Proprietary		Name	Date	Part number	Rev.	Scale
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	Drawn	M.B.	2020.12.22			