

C-lens,C透镜，准直透镜，厂家供应

产品名称	C-lens,C透镜，准直透镜，厂家供应
公司名称	福州光骅达光电有限公司
价格	3.00/片
规格参数	外径:1.8mm 曲率:1.419mm
公司地址	福州金山开发区A区62栋
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产品详情

福州光骅达光电公司设计，加工，镀膜，提供各种规格C-lens透镜。

质量稳定，价格极具竞争力。客户包括国内外多家光通讯厂商。

C-lens产品特点

1. C-lens在材料上与普通透镜的不同，它采用了一种在光纤通信波段具有高折射率的材料，这种材料具有良好的耐酸碱腐蚀性，并且在C-lens两个端面镀增透膜的情况下，对光纤通信所用波段有着极高的透过率，可达 99.9% 以上。
2. 与传统的 G-lens相比，C-lens是一种折射率为常数的厚透镜，它的一个端面为球面，另一个端面为斜面。经理论计算，当其斜面倾角 为 8° 时，C-lens光纤准直器的回波损耗值可大于 60dB，完全满足光纤通信的要求。

我司具有20年的Clens生产经验的专业厂家，提供定制或标准化C透镜产品。常规尺寸有：外径1.8*R1.419*

2.98 ; 外径1.0*1.2; 研磨角度 , 8 ° , 5 ° 等等。

除标准品外 , 各种规格可定制 , 任意曲率 , 任意角度 , 并提供高质量的镀膜服务。

C-lens is specially designed for fiber optics usage in collimator, isolator, switch, collimator array and laser Assembly.

Compared to other gradient index lens, C-lens has many advantages including low cost, low insertion loss in long working distance, wide working distance range. With Photonchina experienced optical design Engineers, we also provide the designing of c-lens according to customer's requirements, beside our standard products list below.

Properties of C-Lens Lens material: SF11 or N-SF11 Transmission : >99%(900-1700nm) Polarization preservation : 0.99 Thermal expansion coefficient : $<6 \times 10^{-6} / ^\circ \text{c}$ Max operating temp : 400 ° c Hygroscopic susceptibility : No Acid and Alkaline resistance : Excellent Power handling : >1w

Applications:

Collimator Isolator Switch MEMS Collimator Array Laser Assembly

Dimensions:

Photonchina Standard Specification:

Diameter Tolerance : +0.005mm,-0.01mm for f 1.8mm to f 4.0mm +0.0mm,-0.01mm for f 1.0mm Diameter Range : > f 1.0mm

Length Tolerance : $\pm 0.03\text{mm}$ Wedge Tolerance : $\pm 0.3^\circ$ Surface Quality : 40-20 scratch & dig Coating : $R < 0.25\% @ (\text{Design Wavelength}) \pm 40\text{nm}$

福州光骅达光电有限公司位于福建福州。工程师和骨干员工都有至少10年以上的精密光学生产，镀膜经验。公司为国内外客户提供平面，球面，晶体三大类产品。

主要优势产品：透镜类：各种规格的C-Lens（准直透镜），G-lens(自聚焦透镜)具备稳定批量生产能力；可为客户定制任意曲率，任意角度微透镜（C透镜）；可提供各种球面透镜：平凹，平凸，双凹，双凸，弯月，消色差透镜等。例如用于高功率激光器件的平凸透镜已稳定供货给国外厂商多年。

平面类：各种棱镜：屋脊，道威，直角，斜方棱镜等等，特殊棱镜最小规格可以达到0.6mm；PBS分光镜，目前最小1.5*1.5mm，最大70*70mm,其它规格可定制；具有完整的各种波片生产供应能力，包括消色差，双波长等特殊品类。

晶体类：YVO4,LiNbO3等晶体元件质量稳定，价格具备很强的竞争力。

As a rich experienced supplier of high precision optics and fiber components, Photonchina are specialized in manufacturing of the following products range,

Spherical lens: convex-concave lens, achromatic doublets etc, with the surface quality of 10-5, centration error less than 3 min, we are one of the few producers to achieve this high level accuracy.

Cylindrical lens, offers custom-made service with the assurance of excellent quality.

Aspherical lens and acylindrical lens have also been manufactured to meet customer demand around the globe.

Flat optics has a whole range of quartz waveplates from true zero order to achromatic type. Polarization beam splitter(PBS) and the smallest size of 0.5mm right angle prism are all available. High power waveplate and PBS have been our core products. Besides, standard or customized mirrors,windows are ready for customers' inquiry.

Crystal materials have long been among Photonchina specialties, including YVO4,LiNbO3,BBO,CaF2,Calcite and relevant polarizers such as Glan taylor polarizer, Wollaston polarizer etc.

For more information,please visit us at www.photonchinaa.com.