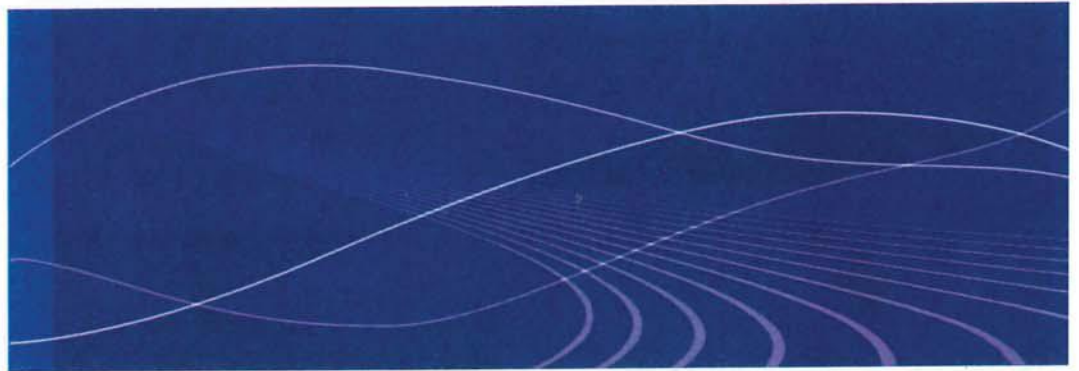
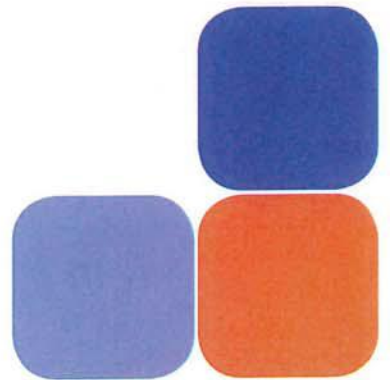




合作厂商: 



深圳市天阳谷科技发展有限公司
SHENZHEN SOLAR VALLEY SCITECH DEVELOPMENT CO.,LTD



高效团队，创建一流企业；持续改善，超越客户要求！

ABOUT US

Shenzhen Solar Valley Technology Development Co., has nearly two decades of experience in high-precision machining, has more than 20 technology patents. Specializing in quartz, glass, ceramics and other non-metallic materials development and processing molding, and we accumulated rich experience at hot melt and cold processing. We have ± 0.1 micron ultra-high-precision production equipment including single point diamond turning, ultra precision molding machine, CNC machining centers, Taylor Hobson 1240 surface roughness measuring device, an array of laser measurement equipment, high-powered microscopes, etc. All the production equipment is top level in the world. Independently developed a wide range of machining tooling, fixtures, to achieve a complete grooving, cutting, drilling, curve shape, cone shape, face grinding, surface polishing, high precision machining free-form surface mirror polishing techniques. Our integrated technology reached the international advanced level.

SELF-MANUFACTURED PRODUCTS

- High Precision Aspheric Lenses, Aspheric Lens Array
- Square capillary and V-groove are used for PLC Splitter
- Quartz substrates, Quartz tube, Stainless steel tube used in coupler
- Capillary and Glass tube used in passive component
- Whole series Pigtail and Collimator
- A variety of specifications for quartz, glass and metal parts (According to customized)
- High-precise ceramic parts

EXCLUSIVE AGENT

- all kinds of capillary 、 Glass tube made by F&D, USA
- In 2000, Solar Valley was established.
- In 2002, We acquired ISO 9001:2000 certification.
- In 2006, we received the title of Shenzhen High-Tech enterprise
- In 2008, We received the title of Shenzhen key enterprise
- In 2008, Shenzhen Baoan Private Growth projects Enterprise
- In 2008, We received the title of National High-Tech Enterprise of China
- In 2009, We passed the certificate exchange of ISO 9001:2008
- In 2009, we acquired Baoan innovative technology enterprise
- In 2011, We passed the certificate exchange of ISO 9001:2008
- In 2011, we passed the review of Shenzhen High-tech Enterprise
- In 2011, we passed the review of National High-tech Enterprise of China
- In 2013, we identified the "Shenzhen innovative small and micro enterprises.
- In 2014, We passed the certificate exchange of ISO 9001:2008
- In 2014, We pass the review of Shenzhen High-tech Enterprise
- In 2014, We received the title of National High-Tech Enterprise of China
- In 2017, We acquired AS9100:2016 certification
- In 2017, We received the title of National High-Tech Enterprise of China

Quality policy is:

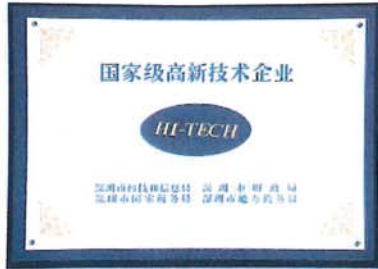
An efficient team creates a top-ranking enterprise; A continuous improvement exceeds customers' requirement.

Management philosophy:

Considering what customers consider, supporting what customers need to be supported.

荣誉资质

PERTIFICATIONS & AWARDS





目 录

CONTENTS

Aspheric Lens 超高精密非球面透镜.....	1-2
Products with aspherical molding glass lens	3-6
玻璃模压非球面产品	
V-groove V型槽.....	7
Quartz substrate 石英基板.....	8-9
Glass Tube 玻璃圆管.....	10
Capillary 毛细管.....	11
Pigtail 尾纤.....	12
Collimator 准直器.....	13

Aspheric Lens

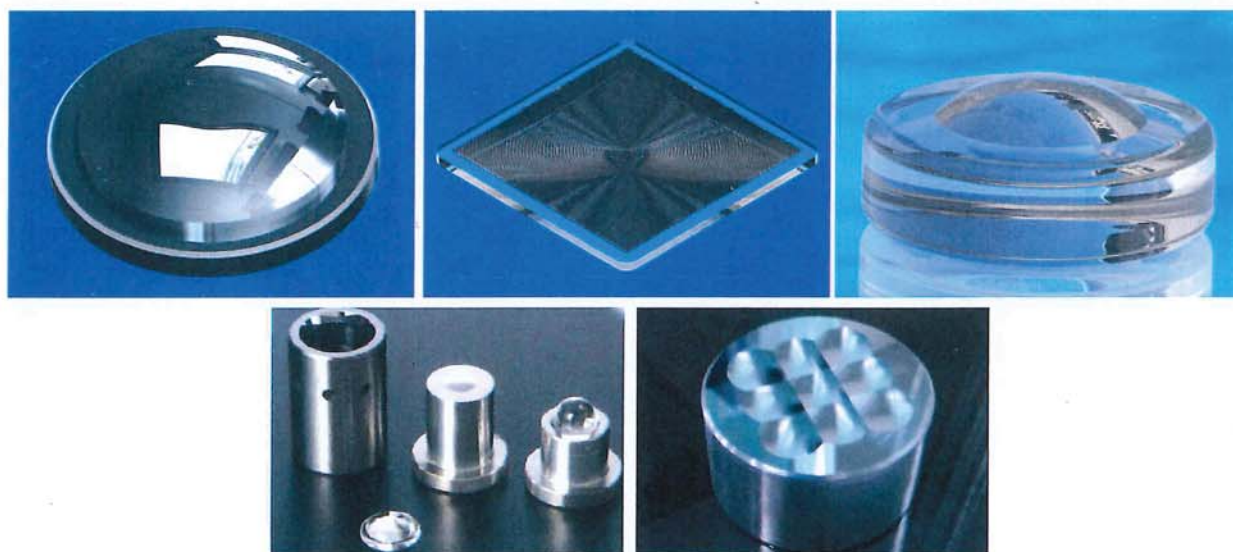
超高精密非球面透镜

天阳谷公司拥有 ± 0.1 微米超高精度生产设备，包括单点金刚石车床、超高精密模压机、CNC加工中心、Taylor Hobson1240表面粗糙度测量设备、阵列激光量测设备、高倍显微镜等，生产设备均属世界顶级水平。

主要产品包括：超高精密非球面透镜、菲涅尔透镜、红外透镜、自由曲面透镜、自由曲面模仁、非球面透镜阵列、光学棱镜等等。

Shenzhen Solar Valley Technology Development Co., has a ± 0.1 micron ultra-high-precision production equipment, including single point diamond turning, ultra precision molding machine, CNC machining centers, Taylor Hobson1240 surface roughness measuring device, an array of laser measurement equipment, high-powered microscope, are world-class production equipment level.

The main products include: high-precision aspheric lenses, Fresnel lenses, infrared lenses, free-form surface lens, free-form surface mold insert, aspheric lens arrays, optical prism and so on.



Capability	Component Types	Material
Maximum Component diameter: $\phi 120\text{mm}$	Aspheric Surface	Germanium (Ge)
Typical figure accuracy: $\lambda/4$ @ 633nm (@ Diameter: 120mm)	Spherical Surface	Silicon (Si)
Typical surface finish: $< Ra 2\text{nm}$	Hybrid Surface	Zinc Selenide (ZnSe)
Center thickness: 1-60mm	Conic Surface	Zinc Sulfide (ZnS)
Centration: < 0.5 arc minute	Diffraction Surface	Calcium Fluoride (CaF ₂)
MIL-Scratch/Dig: 10-5	Fresnel Surface	Polymethyl Methacrylate (PMMA)
	Mold Tools	UV FS material: Heraeus, Corning Glass material: DGM, Schott, Ohara, Hoya

Aspheric lens processing equipment 非球面透镜加工设备



玻璃模压非球面产品

Products with aspherical molding glass lens

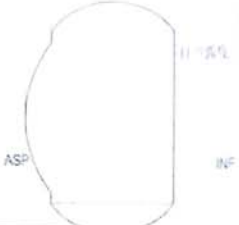
FreeForm®

Laser collimating lens 激光准直透镜

Item	Parameter	Drawing
Out Diameter	4.7mm	
EFL	6.2mm	
Center Thickness	3.5mm	
Numerical Aperture	0.3	
Clear Aperture	4.1mm	
Coating	400-700nm	
Optical Glass Material	D-ZK3	
Design Objective		

Item	Parameter	Drawing
Out Diameter	4.7mm	
EFL	8.0mm	
Center Thickness	3.4mm	
Numerical Aperture	0.25	
Clear Aperture		
Coating	400-700nm	
Optical Glass Material	D-ZK3	
Design Objective		

Item	Parameter	Drawing
Out Diameter	6.0mm	
EFL	9.8mm	
Center Thickness	2.36mm	
Numerical Aperture	0.28	
Clear Aperture	5.2mm	
Coating	400-700nm	
Optical Glass Material	D-ZK3	
Design Objective		

Item	Parameter	Drawing
Out Diameter	6.3mm	
EFL	6.2mm	
Center Thickness	3.4mm	
Numerical Aperture	0.3	
Clear Aperture	4.1mm	
Design Wavelength	633nm	
Optical Glass Material	D-ZK3	
Design Objective		

玻璃模压非球面产品

Products with aspherical molding glass lens

FreeForm®

Imaging lens 成像透镜

	Item	Parameter	
	Out Diameter	22mm	
	Center Thickness	1.2mm	
	Clear Aperture		
	Design Wavelength	550nm	
	Optical Glass Material	D-ZK3	
	Design Objective		
	Item	Parameter	
	Out Diameter	6.8mm	
	Center Thickness	4mm	
	Clear Aperture	6.3mm	
	Coating	350-550nm	
	Optical Glass Material	H-QK3L	
	Design Objective		
	Item	Parameter	
	Out Diameter	20mm	
	Center Thickness	7.3mm	
	Clear Aperture		
	Coating	420-680nm	
	Optical Glass Material	D-ZK3	
	Design Objective		
	Item	Parameter	
	Out Diameter	8.0mm	
	Center Thickness	4.9mm	
	Clear Aperture		
	Coating	350-550nm	
	Optical Glass Material	H-QK3L	
	Design Objective		
	Item	Parameter	
	Out Diameter	10.5mm	
	Center Thickness	3.0mm	
	Clear Aperture	9.5mm	
	Design Wavelength	630-670nm	
	Optical Glass Material	H-QK3L	
	Design Objective		
	Item	Parameter	
	Out Diameter	20mm	
	Center Thickness	4.3mm	
	Clear Aperture		
	Design Wavelength	635nm	
	Optical Glass Material	D-ZK3	
	Design Objective		



玻璃模压非球面产品

Products with aspherical molding glass lens

FreeForm®

LED lens LED透镜

	Item	Parameter	Drawing
	Out Diameter	15mm	
	EFL		
	Center Thickness	6.5mm	
	Numerical Aperture		
	Clear Aperture		
	Design Wavelength		
	Optical Glass Material	B270	
Design Objective			

	Item	Parameter	Drawing
	Out Diameter	25mm	
	EFL		
	Center Thickness		
	Numerical Aperture		
	Clear Aperture		
	Design Wavelength		
	Optical Glass Material		
Design Objective			

	Item	Parameter	Drawing
	Out Diameter	48mm	
	EFL		
	Center Thickness	14mm	
	Numerical Aperture		
	Clear Aperture		
	Design Wavelength		
	Optical Glass Material	H-K51	
Design Objective			

	Item	Parameter	Drawing
	Out Diameter	31mm	
	EFL		
	Center Thickness		
	Numerical Aperture		
	Clear Aperture		
	Design Wavelength		
	Optical Glass Material	H-K51	
Design Objective			

	Item	Parameter	Drawing
	Out Diameter	75mm	
	EFL		
	Center Thickness	14mm	
	Numerical Aperture		
	Clear Aperture		
	Design Wavelength		
	Optical Glass Material	H-K51	
Design Objective			

	Item	Parameter	Drawing
	Out Diameter	22mm	
	EFL		
	Center Thickness	6.05mm	
	Numerical Aperture		
	Clear Aperture		
	Design Wavelength		
	Optical Glass Material	H-K51	
Design Objective			



玻璃模压非球面产品

Products with aspherical molding glass lens

FreeForm®

CPV Lens CPV透镜

	Item	Parameter	Drawing
	Out Diameter	14.2*4.8mm	
	Center Thickness	37.32mm	
	Design Wavelength		
	Optical Glass Material	H-K51	
	Design Objective		
	Item	Parameter	Drawing
	Out Diameter	7*21.47*32mm	
	Center Thickness	2mm	
	Design Wavelength		
	Optical Glass Material	B270	
	purpose		
	Item	Parameter	Drawing
	Out Diameter	15.31*9mm	
	Center Thickness	11mm	
	Design Wavelength		
	Optical Glass Material		
	Design Objective		
	Item	Parameter	Drawing
	Out Diameter	15*5.5mm	
	Center Thickness	40.28mm	
	Design Wavelength		
	Optical Glass Material	浮法玻璃	
	purpose		
	Item	Parameter	Drawing
	Out Diameter	5*16.19*18.34mm	
	Center Thickness	3mm	
	Design Wavelength		
	Optical Glass Material	浮法玻璃	
	Design Objective		
	Item	Parameter	Drawing
	Out Diameter	80mm	
	EFL		
	Center Thickness	5mm	
	Design Wavelength		
	Optical Glass Material	浮法玻璃	
purpose			



V-groove V型槽

Features 特征

- Up to 64 channel V-Groove arrays 多达64通道V型槽阵列
- High capacity using automated batch processing 自动化量产，产能大
- Compatible with 125/250 micron diameter singlemode, multimode and polarization maintaining fibers 与125/250微米直径的单模、多模和保偏光纤兼容
- 0.5 micron channel spacing accuracy 0.5微米精度通道间隔
- Designed to meet Telcordia requirements 设计符合Telcordia标准要求

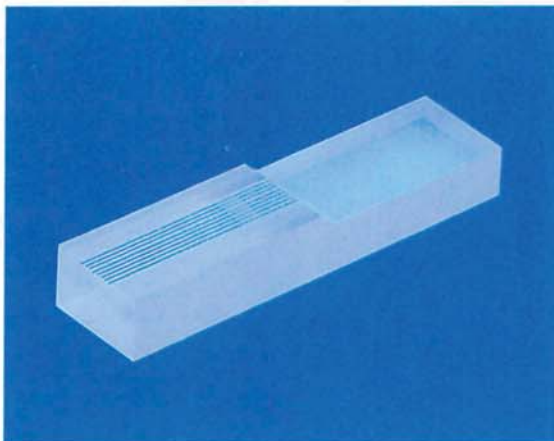
APPLICATIONS 应用

- Pigtailling of integrated optical devices 集成光学器件尾纤
- Connection to planar waveguide devices 平面波导器件连接
- Attachment to an array of active devices 有源器件光纤阵列连接
- Connection of MEMS devices and miniaturized fiber optic components MEMS器件和小型化光器件连接
- Construction of DWDM and multi-channel devices DWDM和多通道器件构建

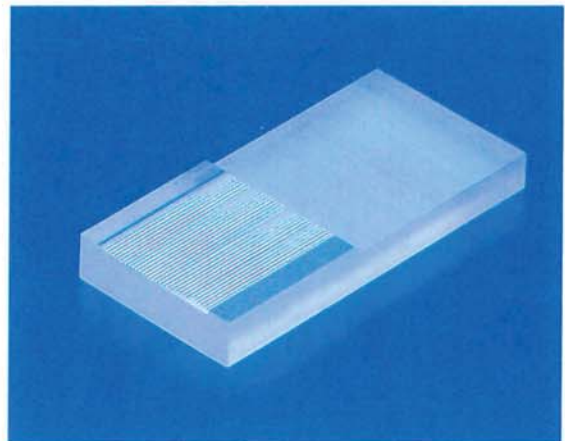
SPECIFICATIONS 规格

Item 项目	Value 数值	Tolerance 精度
Channel number 通道数	1,2,4,8,16,32,48,64,128,192	—
Channel Pitch 通道间距	0.127 mm、0.250mm; 0.500mm; 不等距间距	±0.0005mm
Width V槽宽度	1.750mm、1.905mm、3.937mm、4.064mm、……24.259mm	±0.001mm

Other dimensions are available upon request 其他尺寸及公差可按客户要求生产



8芯



32芯

Quartz substrate 石英基板

Features 特征

- A good matching with quartz-type fiber 石英材质, 热膨胀系数和光纤一致
- High precision dimension 尺寸精度高
- High hardness and durability 硬度高 环境耐受性能优良
- Available for both transparent N-0 and opaque N-11 外观可选择透明质感N-0和磨砂质感N-11

Properties 特性

性能 Properties	参数 Parameter
密度 Density	$2.2 \times 10^3 \text{Kg/m}^2$
硬度 Hardness	5.5-6.5Mohs' 579KHN ₁₀₀
抗压强度 Compression strength	$>1.1 \times 10^9 \text{Pa}$ (160000psi)
抗拉强度 Tensile Strength	$4.8 \times 10^7 \text{Pa(N/m}^2)$ (7000psi)
体积弹性模量 Bulk modulus of elasticity	$3.7 \times 10^{10} \text{ Pa}$ ($5.3 \times 10^6 \text{ psi}$)
刚性模量 Modulus of rigidity	$3.1 \times 10^{10} \text{ psi}$ ($4.5 \times 10^6 \text{ psi}$)
杨氏模量 Young modulus	$7.2 \times 10^{10} \text{ Pa}$ ($10.5 \times 10^6 \text{ pai}$)
泊松比 Poisson' s Ratio	.17
热膨胀系数 (CTE)(20°C-320°C)	$5.5 \times 10^{-7} \text{cm/cm.}^\circ\text{C}$
热导率 (20°C)Thermal conductivity	1.4W/m.°C
比热 (20°C)Specific heat	670J/Kg.°C
软化点 (Softening point)	1683°C
退火点 Annealing point	1215°C
变形点 Transformation point	1120°C
电阻率 (350°C)Electrical resistivity	$7 \times 10^7 \text{ ohm cm}$

性能 Properties	参数 Parameter
绝缘性能 (20°C和1MHz) Insulating property	
介电常 Dielectric constant	3.75
绝缘强度 Insulation strength	$5 \times 10^7 \text{v/m}$
介电吸收系数 Dielectric absorb factor	低于 4×10^{-4}
介电损耗系数 Dielectric loss factor	低于 1×10^{-4}
折射率 Refractive index	1.4585
收缩率 Shrinkage	67.56
横波速率 S-wave velocity	$3.75 \times 10^3 \text{m/s}$
纵波速率 H-wave velocity	$5.90 \times 10^3 \text{m/s}$
声波衰减率 Sound-wave attenuation rate	低于是11db/m MHz
透气率 (700°C)Air Permeability	($\text{cm}^3 \text{mm/cm}^2 \text{see.com of Hg}$)
氦 HE	210×10^{-10}
氢 H	21×10^{-10}
氧 OH	17×10^{-10}
氟 NE	9.5×10^{-10}

Part No. 编号

01.	A1C	XXX	XXX	XXXX	A0X
类别码	类型	外径	高度	长度	属性

Quartz substrate 石英基板

A1 Quartz Substrate A1基板

Outer Diameter(OD)外径	$\varphi 0.5\text{mm} \sim \varphi 5.0\text{mm} \pm 0.1\text{mm}$
Height(h) 高度	$0.25\text{mm} \sim 4\text{mm} \pm 0.1\text{mm}$
Length(l) 长度	$2\text{mm} \sim 100\text{mm} \pm 0.2\text{mm}$
Material材料: High Purity Fused Quartz高纯度石英	

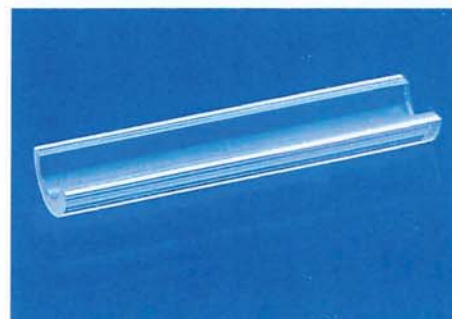
Other dimensions are available upon request 其他尺寸及公差可按客户要求生产



A2 Quartz Substrate A2基板

Outer、Inside Diameter(OD、ID)外径、内径	$\varphi 0.5\text{mm} \sim \varphi 5.0\text{mm} \pm 0.1\text{mm}$
Height (h)高度	$0.25\text{mm} \sim 4\text{mm} \pm 0.1\text{mm}$
Length(l)长度	$2\text{mm} \sim 100\text{mm} \pm 0.2\text{mm}$
Material材料: High Purity Fused Quartz高纯度石英	

Other dimensions are available upon request 其他尺寸及公差可按客户要求生产



A3 Quartz Substrate A3基板

Width(W)宽度	$\varphi 0.5\text{mm} \sim \varphi 5.0\text{mm} \pm 0.1\text{mm}$
Width(W0)下槽宽	$0.25 \sim 3.0\text{mm} \pm 0.1\text{mm}$
Height (H)高度	$0.5\text{mm} \sim 5.0\text{mm} \pm 0.1\text{mm}$
Height (H0)下槽高度	$0.25\text{mm} \sim 3.0\text{mm} \pm 0.1\text{mm}$
Length(L)长度	$2\text{mm} \sim 100\text{mm} \pm 0.2\text{mm}$
Material材料: High Purity Fused Quartz高纯度石英	

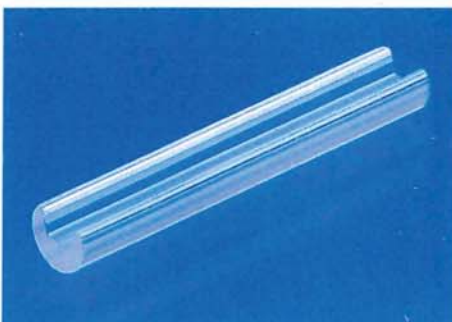
Other dimensions are available upon request 其他尺寸及公差可按客户要求生产



A7 Quartz Substrate A7基板

Outer Diameter(OD)外径	$\varphi 1.0\text{mm} \sim \varphi 3.0\text{mm} \pm 0.05\text{mm}$
Width(W)宽度	$0.5\text{mm} \sim 2.0\text{mm} \pm 0.1\text{mm}$
Angle(a)角度	$33^\circ\text{C} \pm 5^\circ$
Length(L)长度	$2\text{mm} \sim 100\text{mm} \pm 0.2\text{mm}$
Material材料: High Purity Fused Quartz高纯度石英	

Other dimensions are available upon request 其他尺寸及公差可按客户要求生产



Glass Tube 玻璃圆管

Features 特征

- Good sealing characteristics with tungsten .密封性能优良
- Excellent thermal shock resistance.抗热冲击性能优良
- High light transmittance透光性能优良



Properties 特性

Mean coefficient of linear expansion α 20/300 acc.to ISO 3585 平均线性热膨胀系数	$3.3 \cdot 10^{-6} K^{-1}$
Transformation temperature 变形点	525°C
10^{13} upper annealing point 上限退火点	560°C
$10^{7.6}$ softening point 软化点	825°C
10^4 working point 工作节点	1260°C
Maximum short-time working temperature 最大工作温度	500°C
Density ρ 密度	$2.23 g \cdot cm^{-3}$
Modulus of elasticity E 弹性模量	$64 \cdot 10^3 N \cdot mm^{-2}$
Poisson's ratio μ 泊松比	0.20
Thermal conductivity λ w at 90°C 导热率	$1.2 W \cdot m^{-1} K^{-1}$
Temperature for the specific electrical resistance of $108 \Omega \cdot cm$ (DIN 52326) t_k 100 有效电阻	250°C
Logarithm of the electric volume resistance ($\Omega \cdot cm$) 体积电阻对数	
at 250°C	8
At 350°C	6.5
Dielectric properties (1MHz, 25°C) 介电性能	
Dielectric figure 非导电系数	4.6
Dielectric loss factor $\tan \sigma$ 介电损耗系数	$37 \cdot 10^{-4}$
Refractive index ($\lambda = 587.6nm$) 反射率	1.473
Stress-optical constant (DIN 52314) K 光弹性系数	$4.0 \cdot 10^{-6} mm^2 \cdot N^{-1}$

Standard Dimensions 规格尺寸

Outer Diameter 外径	Inner Diameter 内径	Length 长度
1.00 ± 0.02	0.25 ± 0.005	L ± 0.2
1.40 ± 0.02	1.01 ± 0.005	
1.60 ± 0.02	1.025 ± 0.005	
1.80 ± 0.02	1.01 ± 0.005	
2.20 ± 0.02	1.01 ± 0.005	
2.25 ± 0.02	1.825 ± 0.005	
2.78 ± 0.02	1.810 ± 0.005	
2.85 ± 0.02	1.800 ± 0.005	
3.10 ± 0.02	1.81 ± 0.005	
3.80 ± 0.02	2.215 ± 0.005	
4.10 ± 0.02	2.8 ± 0.005	
4.60 ± 0.02	2.8 ± 0.005	
4.6 ± 0.1	3.6 ± 0.03	

Other dimensions are available upon request 其他尺寸及公差可按客户要求生产

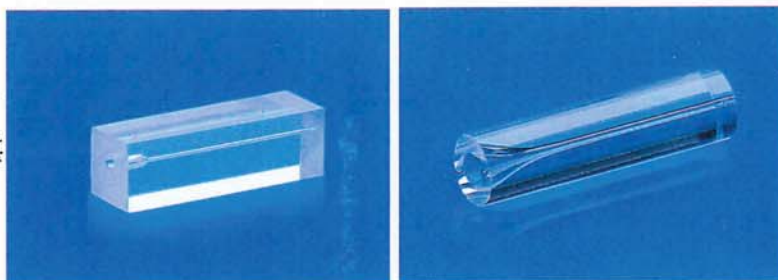
Part No. 编号

02.	GTC.	XXX	XXXX	XXX
—	—	—	—	—
类别码	玻璃成品	外径	内径	长度

Capillary 毛细管

Features 特征

- Excellent polishing characteristics 抛光工艺精湛
- Smooth cone end 锥孔端部平滑
- High UV transmittance 高紫外线透射率
- High chemical durability 高化学稳定性

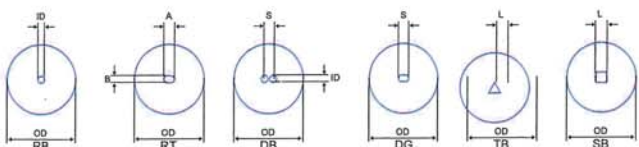


Properties 特性

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Transformation temperature 变形点	525°C
10^{13} upper annealing point 上限退火点	560°C
$10^{7.6}$ softening point 软化点	825°C
10^4 working point 工作节点	1260°C
Maximum short-time working temperature 最大工作温度	500°C
Density ρ 密度	$2.23 g \cdot cm^{-3}$
Modulus of elasticity E 弹性模量	$64 \cdot 10^3 N \cdot mm^{-2}$
Poisson's ratio μ 泊松比	0.20
Thermal conductivity λ w at 90°C 导热率	$1.2 W \cdot m^{-1} K^{-1}$
Temperature for the specific electrical resistance of $108 \Omega \cdot cm$ (DIN 52326) t_k 100 有效电阻	250°C
Logarithm of the electric volume resistance ($\Omega \cdot cm$) 体积电阻对数	
at 250°C	8
At 350°C	6.5
Dielectric properties (1MHz, 25°C) 介电性能	
Dielectric figure 非导电系数	4.6
Dielectric loss factor $\tan \sigma$ 介电损耗系数	$37 \cdot 10^{-4}$
Refractive index ($\lambda = 587.6nm$) 反射率	1.473
Stress-optical constant (DIN 52314) K 光弹性系数	$4.0 \cdot 10^{-6} mm^2 \cdot N^{-1}$

Standard Dimensions 规格尺寸

Spec 规格	OD(mm) 外径	毛细孔主要尺寸(mm)	L(mm) 长度
RB	$\phi 1.0 \pm 0.005$	$\phi 0.127 \pm 0.001$	7 ± 0.2
RB	$\phi 1.8 \pm 0.00$	$\phi 0.127 \pm 0.001$	7 ± 0.2
RB	$\phi 2.205 \pm 0.005$	$\phi 0.127 \pm 0.001$	7 ± 0.2
RT	$\phi 1.8 \pm 0.005$	$\phi 0.128 \pm 0.002 * 0.253 \pm 0.002$	7 ± 0.2
RT	$\phi 1.8 \pm 0.005$	$\phi 0.127 \pm 0.001 * 0.379 \pm 0.002$	7 ± 0.2
RT	$\phi 1.8 \pm 0.005$	$\phi 0.128 \pm 0.002 * 0.505 \pm 0.002$	7 ± 0.2
RT	$\phi 2.205 \pm 0.005$	$\phi 0.128 \pm 0.002 * 0.253 \pm 0.002$	7 ± 0.2
DB	$\phi 1.8 \pm 0.005$	S = 143 ~ 250 ± 0.002 , ID: $\phi 0.127 \pm 0.001$	7 ± 0.2
DG	$\phi 1.8 \pm 0.005$	S = 126 ~ 139 ± 0.002 , ID: $\phi 0.127 \pm 0.001$	7 ± 0.2
TB	$\phi 1.8 \pm 0.005$	0.254 * 0.254 ± 0.002	7 ± 0.2
SB	$\phi 1.8 \pm 0.005$	0.254 * 0.254 ± 0.002	7 ± 0.2



Part No. 编号

03.	RB.	XX	XXX	XXX	A01
类别码	型号	直径	小孔直径	长度	锥孔

Pigtail 尾纤

Features 特征

- Low Insertion Loss 低插入损耗
- High Return Loss 高回波损耗
- High Stability and Reliability 高稳定性和可靠性
- Customer Design Available 可按客户图纸加工

APPLICATIONS 应用

- Collimator 准直器
- Splitter 分路器
- AWG 波导光栅滤波器
- WDM 波分复用器
- Isolator 隔离器
- Active Device 有源器件



SPECIFICATIONS 规格

Parameter 参数	Single 单光纤	Dual Fibers 双光纤	Dual Bores 双孔
Capillary Diameter 毛细管直径	1.8mm/1.0mm or others	1.8mm/1.0mm	1.8mm
Capillary Length 毛细管长度	5.5~6.0mm	6.0~6.5mm	6.0~6.5mm
Wedge 研磨角度	8° ±0.5°	8° ±0.5°	8° ±0.5°
Separation 孔间距	NA	127±2μm	129-252μm
Scratch/Dig	10/5	10/5	10/5
Surface Loss 表面损耗	≤ 0.2% @ 1260~1620nm	≤ 0.2% @ 1260~1620nm	≤ 0.2% @ 1260~1620nm
Return Loss 回波损耗	≥ 70dB		
Polishing Direction 研磨方向	NA	≤ 5°	≤ 5°

Part No. 编号

07	P	RB	SM	XXXX
类别码	产品代码	插针类型	光纤类型	产品顺序

Collimator 准直器

Features 特征

- Low Insertion Loss 低插入损耗
- High Return Loss 高回波损耗
- High Stability and Reliability 高稳定性和可靠性
- Epoxy-Free in Optical Path 光路无胶
- Customer Design Available 可按客户图纸加工

APPLICATIONS 应用

- Isolator 隔离器
- 3-port WDM 3端口波分复用器
- Free-space WDM 自由空间波分复用器
- Circulator 环路器
- Interleaver 梳状滤波器
- Switch 光开关



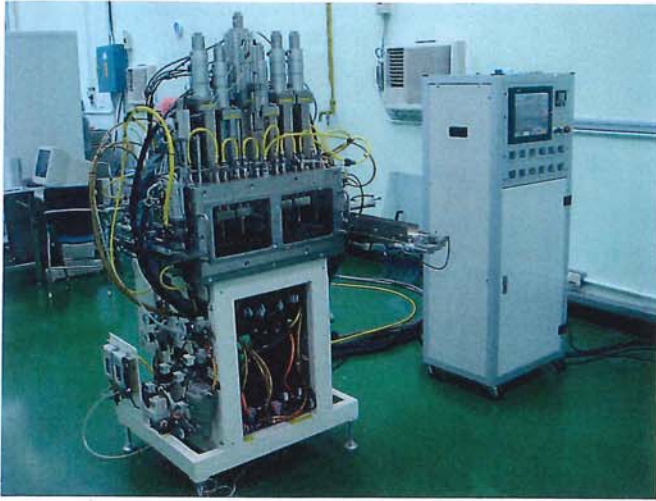
SPECIFICATIONS 规格

Parameter 参数	Unit 单位	Spec 规格说明							
Wavelength Range 波长	nm	1260~1620							
Housing Diameter(O.D) 外径	mm	2.8±0.1 (without metal tube)				1.3±0.1 (with metal tube)			
		3.2±0.1 (with metal tube)							
Housing Length 长度	mm	10±0.1				8±0.1			
Working Distance 工作距离	mm	≤ 20		≤ 100		20~60		60~100	
Grade 等级		P	A	P	A	P	A	P	A
Pair IL(@ 23°C) 插入损耗	dB	≤ 0.15	≤ 0.2	≤ 0.35	≤ 0.4	≤ 0.15	≤ 0.2	≤ 0.35	≤ 0.4
Return Loss 回波损耗	dB	≥ 65	≥ 60	≥ 65	≥ 60	≥ 65	≥ 60	≥ 65	≥ 60
Beam Pointing Angle 发散角	degree	≤ 1							
Fiber Type 光纤类型		SMF-28e+							
Fiber Length 光纤长度	m	2.0							
Tensile Load 拉力	N	≤ 5							
Optical Power 光功率	mw	≤ 500							
Operating Temperature 工作温度	°C	-5~65							
Storage Temperature 储存温度	°C	-40~85							

Part No. 编号

07
C
F
S
G
SM
XXXX
 ───┬───┬───┬───┬───┬───┬───
 类别码 产品代码 镀金管 不锈钢管 玻璃管 光纤类型 产品序号

Equipment公司设备:





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