



用芯连接世界

CONNECTING THE WORLD BY THE FERRULE



科技实现价值
致力光纤连接器陶瓷插芯生产
Realizing the value with science and technology
Dedicated to optical fiber connector
ceramic ferrule production

创新 用心 造芯

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有容乃大

Wide heart embraces all

“芯芯”相连

在广阔多彩的光纤世界

精致无瑕的插芯舞台

我们精钻细造，致力飞舞

以诚信经营与质量至上的宗旨

打造高端的陶瓷插芯产品

让我们的插芯融入你们的光世界

“芯芯”相连，助光纤传递更稳、更快、更强

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公司简介 COMPANY Introduction



宁波容大光电科技有限公司坐落于美丽的东海之滨、浙江省海洋经济发展示范区慈溪滨海经济开发区内，地处沪杭甬中心地带、杭州湾跨海大桥南出口，毗邻G15沈海高速、329国道，地理位置优越、交通运输便利。

公司依托慈溪市绿绿电子有限公司原有研发、生产、销售能力，借鉴成熟企业模式积极开拓市场，通过多年与科研院所合作和出国深造，成熟掌握了以陶瓷插芯为主体的单模光纤连接器生产技术。

公司于2014年注册成立，生产基地总投资近1亿元，建筑面积3万多平方米，经多年科技研发及市场调研后，于2015年初开始全面投入生产，现年产量已达1.5亿枚单模陶瓷插芯生产线。

公司自主研发开发出半自动内径研磨机、半自动浇锡机、全自动同轴度研磨机、PC球面研磨机、全自动同心度检测机等系列陶瓷插芯生产的关键设备，同时引进混炼机、造粒机、精密无心磨等国外先进设备，配备全系列高精度检测设备，并先后通过了ISO9001质量体系、ISO14001环境体系、产品污染控制ROHS三大行业国际标准认证，致力成为陶瓷插芯行业中的领先企业。

同时，公司投资近两千万建设了太阳能发电系统、太阳能充电车棚、节能型中央空调系统、蒸汽制热系统、废气废水循环处理装置等设施，以发展的眼光注重节能减排、环境保护，成为陶瓷插芯行业内的绿色企业。

专业智造，专业品质。

容大光电，尊崇“海纳百川有容乃大”的企业精神，倡导“以人为本、精益求精、顾客满意、持续改进”的经营理念，以标准为基石，以质量为保证，以人才为创新动力。公司将以完整的产品实验体系和严格的质量管理体系，全力保证客户的利益。

创新、用心、造芯，容大光电——用芯连接世界。

企业口号

用芯连接世界
Connecting the world by the ferrule

企业精神

海纳百川，有容乃大
The sea admits hundreds of rivers for its capacity to hold

企业理念

以人为本，精益求精，顾客满意，持续改进
People-oriented, excellence, customer satisfaction, continuous improvement



NINGBO RONTA PHOTOELECTRIC TECHNOLOGY CO.,LTD is located in East Cixi Coastal District, which is also the marine economic development demonstration Zone in Zhejiang Province. Its geographical position is superiorly in the center of Shanghai, Hangzhou and Ningbo District and conveniently in the south exit of Hangzhou Bay Cross-sea Bridge, adjacent to G15 Shen Hai freeway, 329 National Road for transportation.

The company was registered in 2014 as a professional manufacture of ceramic ferrule for fiber optic connectors with a total investment of nearly 100 million yuan. Its building area is more than 30 thousand square meters and owns an annual production capacity for 150 million single-mode ceramic ferrule.

The company has independently developed semi-automatic inner grinding machines, automatic outer diameter coaxial grinding machine, semi-automatic pouring tin machines, automatic PC spherical grinding machines and automatic concentric detection machines, and meanwhile it has imported such advanced ceramic ferrule processing equipment as precision center-less grinding machine, mixing processing machine and granulating machine, equipped with a full range of high-precision testing equipment. It has certificated by ISO9001, ISO14001 and Rohs system. The company is committed to pursuing perfection and getting stronger, aiming to become one of the leading companies in ceramic ferrule industry.

In the meantime, the company invested nearly twenty million yuan to build the solar power generation system, solar carport, energy-saving central air condition system, steam heating charging system, waste gas, waste water treatment plant facilities, pay attention to energy and emission reduction, environment protection in long term, and become a green enterprise.

The company advocates "people-oriented, pursue excellence, customer satisfaction, continuous improvement" management philosophy and adheres to the principles of "process-oriented, standardization, institutionalization", relying on the talents, focusing on research and development of technology and founding on the quality, to build a harmonious environment with vigor and order. It will spare no efforts to satisfy customer needs and create a win-win cooperation for a better future!



GB/T19001



GB/T24001



完整的生产线

COMPLETE Production Line

公司拥有从原材料混炼加工到成品检验出货的完整生产线，设有技术研发部，负责产品的改良和生产设备的研发制造，下设机加工、毛坯制造、毛坯加工、内径加工、同轴PC加工及成品检验6个车间，具有强大的生产能力，生产出的产品各项性能指标达行业领先水平。

The company possesses a complete production line from raw material mixing processing to final inspection on finished products. It sets up a technology research and development department for product improvement and equipment development. The company has 6 workshops including machining, rough casting, rough processing, inner diameter machining, coaxial PC processing and finished product inspection with strong production capability. The product quality and technical indexes reaches the industry-leading level.





先进的生产设备 **ADVANCE** Production Equipment

公司立足于生产设备的高、精、尖，从国外进口了精密无心磨、混炼加工机、造粒机等先进的陶瓷插芯加工设备，同时自行研制开发了具有国内领先水平的半自动内径研磨机、全自动外径同轴研磨机、半自动浇锡机、全自动PC球面研磨机、全自动压入机等高精度陶瓷插芯加工设备，降低了生产成本，大大提高了生产力和竞争力。

Based on high accurate equipments, the company has imported precision center-less grinding machine, mixing processing machine, granulating machine and other advanced ceramic ferrule processing equipment from abroad, and meanwhile it has developed their own machineries such as semi-automatic inner grinding machines, automatic outer diameter coaxial grinding machine, semi-automatic pouring tin machines, automatic PC spherical grinding machines, automatic press-fit machines and other high-precision ceramic ferrules processing equipment, which reduce the production cost and greatly improve the production capacity and competitiveness.





精密的检测仪器

PRECISION Test Instruments

公司拥有完善的品质保障体系，致力于陶瓷插芯产品的品质建设和提升，自主研发了全自动同心检测机，同时配备智能端面检测仪、端面干涉仪、高精度3D投影仪、激光检测仪、显微镜、硬度计等检测仪器，对产品制造过程，进行全方位、多角度、持续的跟踪检测、检验，全力保证产品质量，维护客户利益。

The company possesses a perfect quality assurance system, dedicated to ceramic ferrule building and upgrading product quality. They independently researched and developed such testing instruments as automatic concentric detection machines, equipped with intelligent end face detector, face interferometer, high-precision 3D projectors, laser detector, microscope, hardness, and other detection devices, which can trace and test the products and the manufacturing processes in the way of all-round, multi-angle, and continuity to ensure the product quality and safeguard the customers interests.

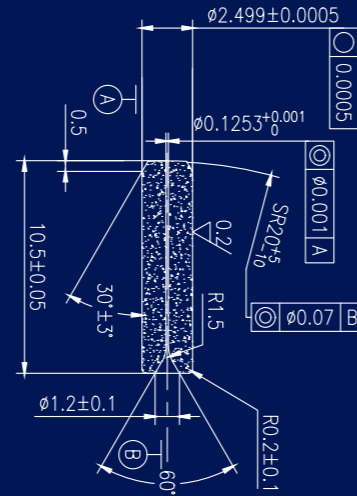
PRODUCT

产品



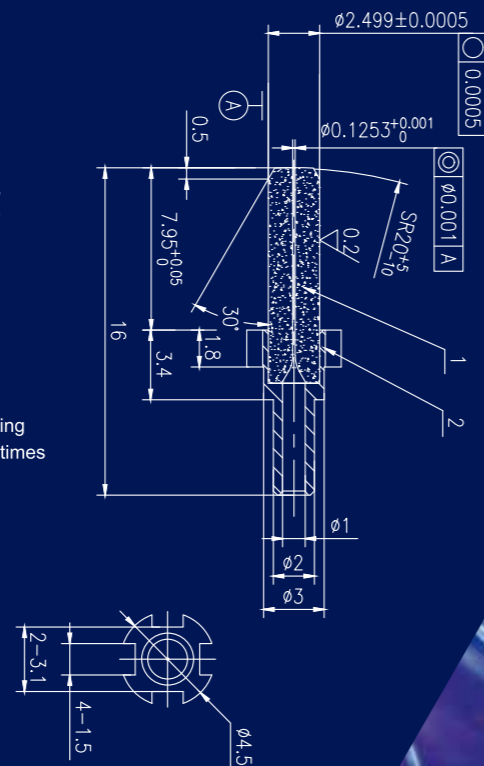
SC型陶瓷插芯 Ferrule SC

- ① 良好的同轴度和尺寸精度；
 - ② 强度高、耐磨损、抗老化性能好；
 - ③ 插入损耗低。
- 1.High concentricity and precision
2.Best durability, reliability and anti-aging
3.Low insertion loss, high plug in&out times



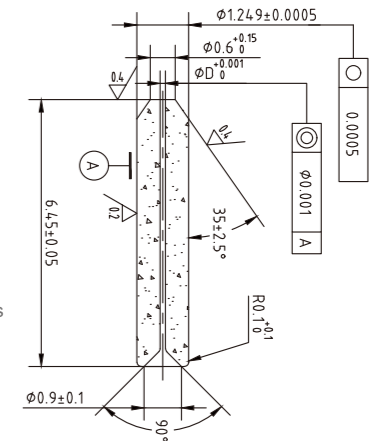
带柄SC型陶瓷插芯 Ferrule SC with flange

- ① 良好的同轴度和尺寸精度；
 - ② 强度高、耐磨损、抗老化性能好；
 - ③ 插入损耗低。
- 1.High concentricity and precision
2.Best durability, reliability and anti-aging
3.Low insertion loss, high plug in&out times



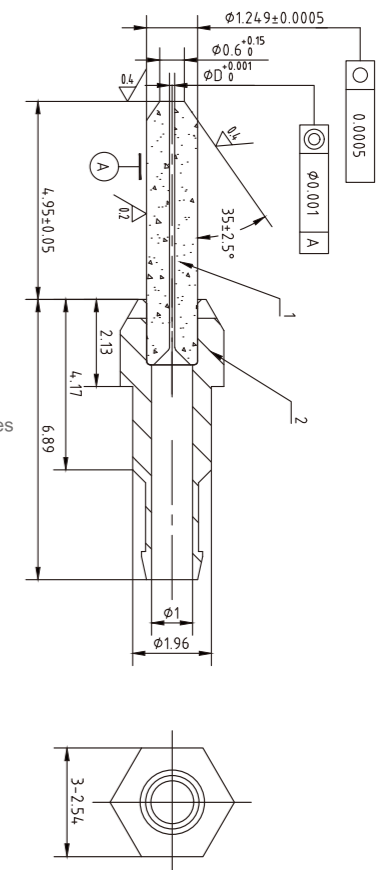
LC型陶瓷插芯 Ferrule LC

- ① 良好的同轴度和尺寸精度；
 - ② 强度高、耐磨损、抗老化性能好；
 - ③ 插入损耗低。
- 1.High concentricity and precision
2.Best durability, reliability and anti-aging
3.Low insertion loss, high plug in&out times



带柄LC型陶瓷插芯 Ferrule LC with flange

- ① 良好的同轴度和尺寸精度；
 - ② 强度高、耐磨损、抗老化性能好；
 - ③ 插入损耗低。
- 1.High concentricity and precision
2.Best durability, reliability and anti-aging
3.Low insertion loss, high plug in&out times



PRODUCT

产品

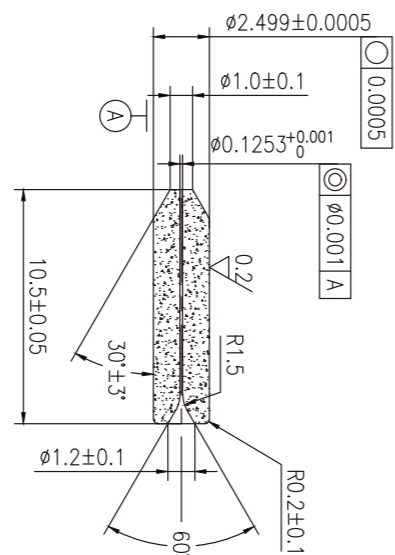


APC型陶瓷插芯

Ferrule APC

- ① 良好的同轴度和尺寸精度；
- ② 强度高、耐磨损、抗老化性能好；
- ③ 插入损耗低、

- 1.High concentricity and precision
- 2.Best durability, reliability and anti-aging
- 3.Low insertion loss, high plug in&out times

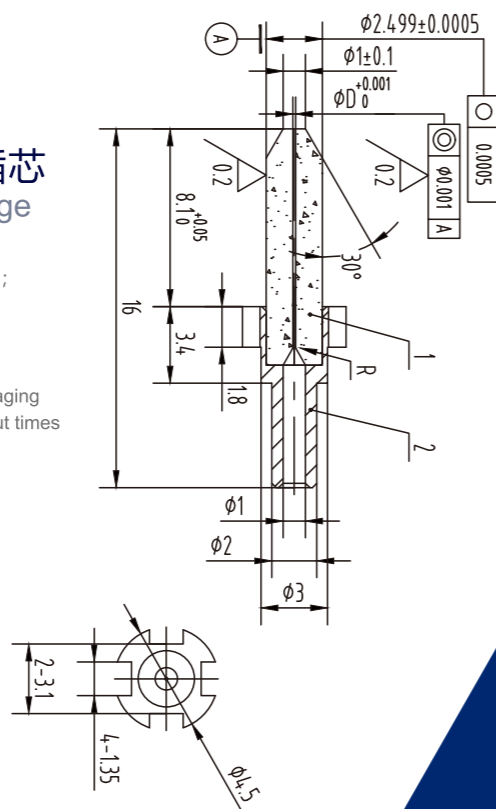


带柄APC型陶瓷插芯

Ferrule APC with flange

- ① 良好的同轴度和尺寸精度；
- ② 强度高、耐磨损、抗老化性能好；
- ③ 插入损耗低、

- 1.High concentricity and precision
- 2.Best durability, reliability and anti-aging
- 3.Low insertion loss, high plug in&out times



非标陶瓷插芯

Non standard ferrule



FEN-SC-PF



FEN-SC-PA



FEN-LC-PF



FEN-LC-PA



Large Bore Ferrule



Long End Cone Ferrule



Ferrule Step APC



FEN-SC-S1



FEN-SC-S2



FEN-SC-S3



FEN-SC-S4



FEN-SC-S5

陶瓷插芯毛坯

Ferrule blank



SC型毛坯陶瓷插芯
SC Ferrule Blank



LC型毛坯陶瓷插芯
LC Ferrule Blank