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 Набережные Челны (8552)20-53-41
 Нижний Новгород (831)429-08-12
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 Новосибирск (383)227-86-73
 Омск (3812)21-46-40
 Орел (4862)44-53-42
 Оренбург (3532)37-68-04
 Пенза (8412)22-31-16
 Петрозаводск (8142)55-98-37
 Псков (8112)59-10-37
 Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
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 Саранск (8342)22-96-24
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 Чита (3022)38-34-83
 Якутск (4112)23-90-97
 Ярославль (4852)69-52-93

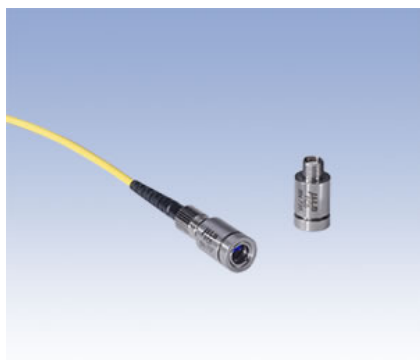
Киргизия (996)312-96-26-47

Россия (495)268-04-70

Казахстан (772)734-952-31

<https://microlaser.nt-rt.ru> || med@nt-rt.ru

Коллиматоры из плавленного кварца



Features

- 200nm to 2100nm
- Adjustable focus
- Low wavefront error

The FC5FS and FC10FS Fused Silica versions have a multielement design that gives a highly collimated, Gaussian beam with low wavefront error.

The adjustable focus feature allows you to optimize the collimator for your lasers wavelength and lock it down. Besides collimation, these fiber collimators can also focus to a very tight spot at a large distance or expand to illuminate an area. Various coatings, either broadband or V-coat can be applied on these collimators on a semi-custom basis.

Specifications

| | FC5FS | FC10FS |
|--|--------------------|--------------------|
| Wavelength range: | 200nm to 2100nm | 200nm to 2100nm |
| Aperture size: | 6 mm | 10 mm |
| Beam size: | 2 mm | 5.5 mm |
| Beam divergence: | <0.5 mrad | <0.25 mrad |
| Wavefront error rms (1/e ² points): | <1/10 wave | <1/10 wave |
| Collimation: | adjustable, 80 tpi | adjustable, 80 tpi |
| Receptacle: | FC or FC/APC | FC or FC/APC |
| Locking: | yes | yes |
| Housing material: | stainless steel | stainless steel |
| Weight | 45 g (1.6 oz) | 85 g (3.0 oz.) |

Ordering Information

| | |
|---------------|---|
| FC5FS-UV-FC | FC5S with 240nm - 440nm coating and FC receptacle |
| FC5FS-UV-APC | FC5S with 240nm - 440nm coating and FC/APC receptacle |
| FC10FS-UV-FC | FC10S coated for 240nm to 440nm with FC receptacle |
| FC10FS-UV-APC | FC10S coated for 240nm to 440nm with FC/APC receptacle |
| FC5R-1.0 | Ring adaptor to mount FC5 onto any 1 inch optical mount. |
| FC10R-1.0 | Ring adaptor to mount FC10 onto any 1 inch optical mount. |

Coatings at other wavelength ranges or V-coats can be done on these optics on a semi-custom basis.