

Introduction



CSRAYZER'S Fixed Focus Collimator Package FFL Series Products, are pre-aligned to collimate fiber light from an FC/PC, FC/APC, or SMA connector. Each collimation package is pre-aligned in factory to provide maximum diffraction performance for wavelength range from 700nm to 2 μm. This collimator's optimal performance will be got with design wavelength, while it also could be used at non-design wavelengths, this is because of chromatic aberration of the aspheric lens, which causes the effective focal length to have a wavelength dependence.



Specification

Parameters	Unit	Values
Center Wavelength	nm	1064/1550/Specify
Beam Diameter	mm	1.38 / Specify
Beam Divergence	°	0.06±0.01/0.032/Specify
Focus Length	mm	6.31/11.37/Specify
Lens-NA	--	0.37/0.25
Housing Screw Diameter	dB	M11×0.75
Package Dimension	mm	φ11×16
Connector Type	--	FC/PC or FC/APC or SMA
Max Tensile Load	N	5
Working Temperature	°C	-45 to +75
Storage Temperature	°C	-55 to +85

Ordering Information

FFL-①-②-③-④

① Central Wavelength	② Beam Diameter	③ Focus Length	④ Connector Type
780-780nm	1.38-1.38mm	6.31-6.31mm	FU-FC/PC
1064-1064nm	2.4-2.4mm	11.37-11.37mm	FA-FC/APC
S-Specify	S-Specify	S-Specify	N-None