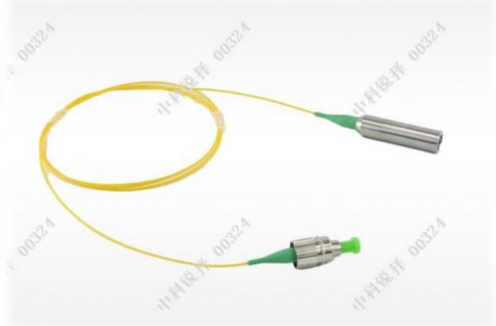


Pigttailed Aspheric Fiber Optic Collimator

◆ Product introduction

The pigtailed aspheric optical fiber collimator selected by CSRayzer is made of single-mode polarization-maintaining pigtail fiber and aspheric lens by precise positioning and packaging. The structure design is compact. Each collimator with pigtail fiber of about 1m has diffraction limit performance at the designed wavelength, which can not only collimate the optical fiber beam, but also couple the external parallel light into the optical fiber, which is convenient for integration and installation. At present, it can provide 405nm, 532nm, 543nm and 633nm according to customer requirements.



◆ Parameter index

Model	Wavelength	Waist Diameter	Waist Distance	Divergent Full Angle	Fiber Type
COL-1.47-461-AR-9*14-PM460-FC/APC-1	460nm	1.47mm	≤900mm	≤0.03°	PM460HP
COL-0.86-633-AR-12.7*15-PM630HP-FC/APC-1	633nm	0.86mm	≤400mm	≤0.05°	PM630HP
COL-1.96-698-AR-9*17-PM630-FC/APC-1	698nm	1.96mm	≤900mm	≤0.03°	PM630HP
COL-2.67-698-AR-9*21-PM630-FC/APC-1	698nm	2.67mm	≤900mm	≤0.03°	PM630HP
COL-2.2-780-AR-9*18-PM780HP-FC/APC-1	780nm	2.2mm	≤350mm	≤0.03°	PM780HP
COL-0.91-813-AR-9*12-PM780-FC/APC-1	813nm	0.91mm	≤900mm	≤0.07°	PM780HP
COL-1.43-12-1064-11*15.6-PM980-0.5	1064nm	1.43mm	≤100mm	≤0.03°	PM980
COL-3.4-18.4-1550-AR-9*24-PM1550-FC/APC-1	1550nm	3.4mm	≤200mm	≤0.03	PM980
COL-2.25-12-1550-AR-12.7*15-PM1550-FC/APC-0.5	1550nm	2.25mm	≤200mm	≤0.05°	PM1550