

FLG series Fiber and Fiber Bundle



FLG series fibers and fiber bundles can be connected with Omni- λ series monochromators and chambers by BFC series fiber coupling, which make easy to build optical system.

Fiber

Model	Spectral Range(nm)	Diameter (μm)	Material	NA	Divergent full angle	A end	B end
FLG-UV50-x	200-1100	50	Quartz	0.22	25°	SMA905	SMA905
FLG-UV100-x	200-1100	100	Quartz	0.22	25°	SMA905	SMA905
FLG-UV200-x	200-1100	200	Quartz	0.22	25°	SMA905	SMA905
FLG-UV400-x	200-1100	400	Quartz	0.22	25°	SMA905	SMA905
FLG-UV600-x	200-1100	600	Quartz	0.22	25°	SMA905	SMA905
FLG-IR50-x	350-2000	50	Quartz	0.22	25°	SMA905	SMA905
FLG-IR100-x	350-2000	100	Quartz	0.22	25°	SMA905	SMA905
FLG-IR200-x	350-2000	200	Quartz	0.22	25°	SMA905	SMA905
FLG-IR400-x	350-2000	400	Quartz	0.22	25°	SMA905	SMA905
FLG-IR600-x	350-2000	600	Quartz	0.22	25°	SMA905	SMA905
FLG-IR600-x	350-2000	600	Quartz	0.22	25°	SMA905	SMA905

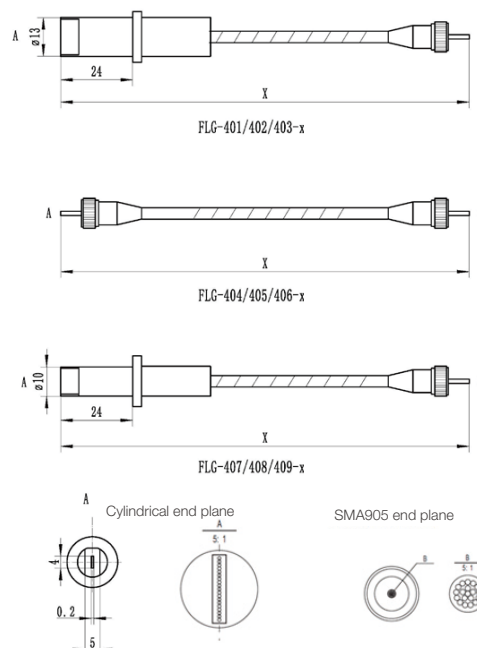
X = length, the standard is SMA905 interface, FC or other interfaces are optional.

Fiber Bundle

Model	Spectral Range(nm)	Fiber Diameter (μm)	Number of fibers	NA	Divergent full angle	A end	B end
FLG-401-x	200-1100	200	19	0.22	25°	Ø13mm	SMA905
FLG-402-x	400-2400	200	19	0.22	25°	Ø13mm	SMA905
FLG-403-x	400-1800	200	19	0.22	25°	Ø13mm	SMA905
FLG-404-x	200-1100	200	19	0.22	25°	SMA905	SMA905
FLG-405-x	400-2400	200	19	0.22	25°	SMA905	SMA905
FLG-406-x	400-1800	200	19	0.22	25°	SMA905	SMA905
FLG-407-x	200-2000	200	19	0.22	25°	Ø10mm	SMA905
FLG-408-x	400-2400	200	19	0.22	25°	Ø10mm	SMA905
FLG-409-x	400-1800	200	19	0.22	25°	Ø10mm	SMA905
FLG-409-x	400-1800	200	19	0.22	25°	Ø10mm	SMA905
FLG-IR600-x	350-2000	600	Quartz	0.22	25°	SMA905	SMA905

X = length

Drawings



Fiber Collimator: 74-UV



Lens material	UV Fused Silica
Fiber Interface	SMA905
Lens diameter	5mm

Fiber Focus Accessory: TLS-SMA905-GJ



Lens material	UV Fused Silica
Fiber Interface	SMA905
Focus spot size	2mm

