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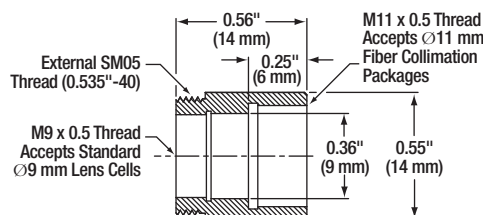
Terminating Connectors

Termination

Fixed Focus Lens Adapter

- Internal M11 Thread for Mounting Collimation Packages
- Internal M9 Thread for Mounting Aspheric Lens Cells (See Page 714)
- External SM05 Thread for Integration into SM05 Threaded Components

Fiber Collimator Sold Separately



Please refer to our website for complete models and drawings.

ITEM #	\$	£	€	RMB	DESCRIPTION
AD1109F	\$ 29.00	£ 20.88	€ 25,23	¥ 231.13	Fixed Focus Lens Adapter

FC and SMA Doublet Collimators

F810FC-1310

F810FC Assembly
Fiber Optic Cable Sold Separately

F810SMA-1310

F810SMA Assembly
Fiber Optic Cable Sold Separately

F810APC-1310

F810APC Assembly
Fiber Optic Cable Sold Separately

- Multi-Element Lens Design for Diffraction-Limited Performance
- Popular SMA and FC Connector Options
- Large Output Beam Diameters
- Collect Light for Fiber-Coupled Detection Systems

Our fiber collimation packages are designed to collimate a laser beam propagating out of the end of an optical fiber. These packages can also be used to couple a free-space laser beam into an optical fiber, provided that the collimation package is correctly aligned with respect to the input beam.

ITEM # SUFFIX	AR COATING	ALIGNMENT FIBER*
-543	420 - 650 nm	460HP
-635	420 - 650 nm	SM600
-780	650 - 1050 nm	780HP
-842	650 - 1050 nm	780HP
-1064	1050 - 1075 nm	SM980
-1310	1050 - 1620 nm	SMF-28e+
-1550	1050 - 1620 nm	SMF-28e+

* Fiber not included

Have you seen our...
AD15F Mounting Adapter
See page 350

FC/PC Air-Spaced Doublet Collimators

ITEM #	\$	£	€	RMB	ALIGN λ^a	D ^b	θ^c	NA _{LENS}	f ^d	L ^e
F810FC-543	\$ 201.90	£ 145.37	€ 175,65	¥ 1,609.14	543 nm	6.4 mm	0.006°	0.26	34.74 mm	44.4 mm
F810FC-635	\$ 201.90	£ 145.37	€ 175,65	¥ 1,609.14	635 nm	6.7 mm	0.007°	0.25	35.41 mm	45.4 mm
F810FC-780	\$ 201.90	£ 145.37	€ 175,65	¥ 1,609.14	780 nm	7.5 mm	0.008°	0.25	36.01 mm	46.0 mm
F810FC-1064	\$ 201.90	£ 145.37	€ 175,65	¥ 1,609.14	1064 nm	8.0 mm	0.010°	0.25	36.60 mm	46.2 mm
F810FC-1310	\$ 201.90	£ 145.37	€ 175,65	¥ 1,609.14	1310 nm	6.7 mm	0.014°	0.24	36.90 mm	46.9 mm
F810FC-1550	\$ 201.90	£ 145.37	€ 175,65	¥ 1,609.14	1550 nm	7.0 mm	0.016°	0.24	37.13 mm	46.9 mm

Please refer to our website for complete models and drawings.

SMA Air-Spaced Doublet Collimators

ITEM #	\$	£	€	RMB	ALIGN λ^a	D ^b	θ^c	NA _{LENS}	f ^d	L ^e
F810SMA-543	\$ 201.90	£ 145.37	€ 175,65	¥ 1,609.14	543 nm	6.4 mm	0.006°	0.26	34.74 mm	47.3 mm
F810SMA-635	\$ 201.90	£ 145.37	€ 175,65	¥ 1,609.14	635 nm	6.7 mm	0.007°	0.25	35.41 mm	48.0 mm
F810SMA-780	\$ 201.90	£ 145.37	€ 175,65	¥ 1,609.14	780 nm	7.5 mm	0.008°	0.25	36.01 mm	48.6 mm
F810SMA-1064	\$ 201.90	£ 145.37	€ 175,65	¥ 1,609.14	1064 nm	8.0 mm	0.010°	0.25	36.60 mm	49.0 mm
F810SMA-1310	\$ 201.90	£ 145.37	€ 175,65	¥ 1,609.14	1310 nm	6.7 mm	0.014°	0.24	36.90 mm	49.6 mm
F810SMA-1550	\$ 201.90	£ 145.37	€ 175,65	¥ 1,609.14	1550 nm	7.0 mm	0.016°	0.24	37.13 mm	49.8 mm

FC/APC Air-Spaced Doublet Collimators

ITEM #	\$	£	€	RMB	ALIGN λ^a	D ^b	θ^c	NA _{LENS}	f ^d	L ^e
F810APC-780	\$ 232.80	£ 167.62	€ 202,54	¥ 1,855.42	780 nm	7.5 mm	0.008°	0.25	36.01 mm	41.4 mm
F810APC-842	\$ 232.80	£ 167.62	€ 202,54	¥ 1,855.42	842 nm	7.8 mm	0.008°	0.25	36.18 mm	41.4 mm
F810APC-1310	\$ 232.80	£ 167.62	€ 202,54	¥ 1,855.42	1310 nm	6.7 mm	0.014°	0.24	36.90 mm	47.2 mm
F810APC-1550	\$ 232.80	£ 167.62	€ 202,54	¥ 1,855.42	1550 nm	7.0 mm	0.016°	0.24	37.13 mm	46.9 mm

^aAlignment wavelength

^bTheoretical 1/e² diameter at 1 focal length from lens at the alignment wavelength using the alignment fiber type

^cCalculated full beam angle of divergence

^dEffective focal length of the Collimation Package

^eLength, includes receptacle for connector

Have you seen our...
FiberPorts

See page 1081

NEW