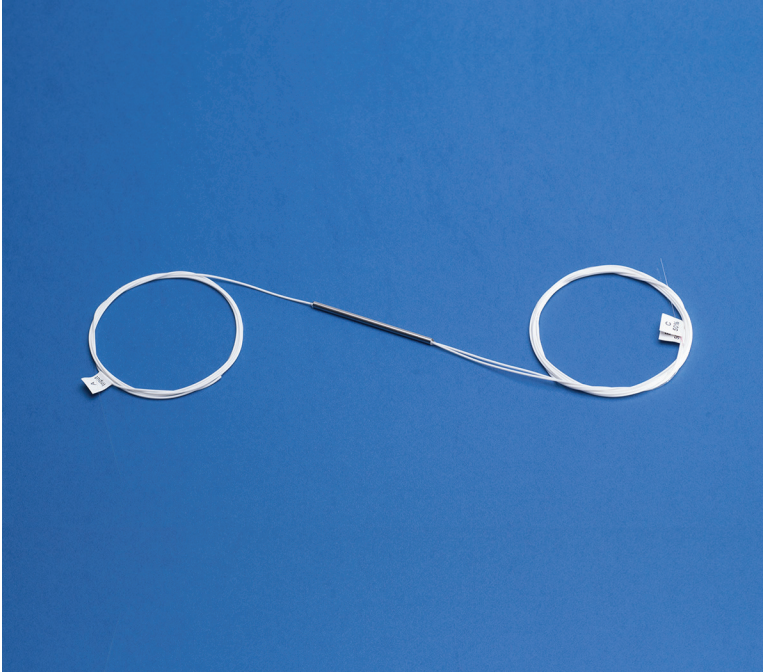


Visible to NIR Fiber Splitters



Features

- Visible and NIR wavelengths
- Designed for diode laser wavelengths
- Low insertion loss
- FC/UPC or FC/APC connections

Applications

- Sensors
- Interferometry
- Biophotonics

These fiber optic splitters are made using singlemode fiber for wavelengths from 405nm to 2000nm. Standard fiber splitters have a 1x2 split which splits the laser light into two beams with a 50:50 ratio.

All singlemode fiber splitters use fiber for the wavelength of use. A stainless steel tube protects the fiber split section and each arm has a one meter length of fiber. Fiber ends can be terminated with FC/UPC or FC/APC connections.

Visible to NIR Fiber Splitters

Specifications

Type:	1 x 2
Wavelengths:	405 nm to 1550 nm
Bandwidth:	± 10 nm
Split:	50:50
Insertion loss:	<3.8 dB
Uniformity:	<1.0 dB
Return loss:	>55 dB
PDL	<0.15 dB
Operating & storage temperature:	-40°C to +85°C
Package dimensions:	3 mm dia. x 60 mm length

2 x 2 type, other tap or split ratios and wavelengths are also available.

Ordering Information

Model # (FC/UPC)	Model # (FC/APC)	Description
FKS-A1250-4059AA-001	FKS-B1250-4059BB-001	1X2, 50:50 ratio at 405nm
FKS-A1250-4509AA-001	FKS-B1250-4509BB-001	1x2, 50:50 ratio at 450nm
FKS-A1250-4889AA-001	FKS-B1250-4889BB-001	1x2, 50:50 ratio at 488nm
FKS-A1250-5209AA-001	FKS-B1250-5209BB-001	1x2, 50:50 ratio at 520nm
FKS-A1250-6389AA-001	FKS-B1250-6389BB-001	1x2, 50:50 ratio at 638nm
FKS-A1250-6609AA-001	FKS-B1250-6609BB-001	1x2, 50:50 ratio at 660nm
FKS-A1250-7859AA-001	FKS-B1250-7859BB-001	1x2, 50:50 ratio at 785nm
FKS-A1250-8309AA-001	FKS-B1250-8309BB-001	1x2, 50:50 ratio at 830nm
FKS-A1250-9809AA-001	FKS-B1250-9809BB-001	1x2, 50:50 ratio at 980nm
FKS-A1250-10649AA-001	FKS-B1250-10649BB-001	1x2, 50:50 ratio at 1064nm
FKS-A1250-13159AA-001	FKS-B1250-13159BB-001	1x2, 50:50 ratio at 1310nm/1550nm