

Single Mode 1550nm Fiber Optic Coupler

Part No.: SMC-1550-1*2-50-2.5*15-CS1011B-1-0-N

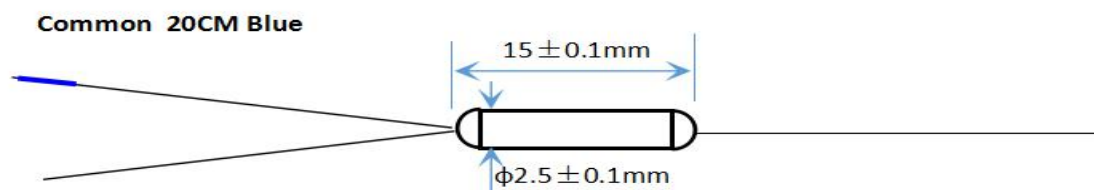
◆ Specification:

Configuration	/	1*2
Center Wavelength λ_c	nm	1550
Operating Wavelength Range	nm	± 20
Coupling Ratio	%	50/50 ± 3
Insertion Loss	dB	≤ 3.8
Max. Excess Loss	dB	≤ 0.8
Package Size	mm	$\varnothing 2.5 * 15$ (Steel Tube)
Max. Polarization Dependent Loss	dB	≤ 0.1
TDL	dB	≤ 0.2
Min. Return Loss	dB	≥ 50
Max. Average Optical Power	mW	≤ 500
Max. Tensile Load	N	5
Fiber Type	/	CS1011B (80/165)
Fiber Length	m	≥ 1.0
Operating Temperature	$^{\circ}\text{C}$	-45 to +75
Storage Temperature	$^{\circ}\text{C}$	-55 to +85

*Values specified are without connector loss. IL will be higher, RL and ER will be lower with connectors.

*The PM fiber and the connector key are aligned to the slow axis, fast axis is blocked.

◆ Package Dimension:



◆ Ordering Information

SMC-①-②-③-④-⑤-⑥-⑦-⑧-⑨

① Structure	② Center Wavelength	③ Coupling Ratio	④ Package Dimension	⑤ Fiber Type	⑥ Fiber Length	⑦ Fiber Jacket	⑧ Connector	⑨ Working Axis
22-2X2	1030-1030nm	10-10/90	5.5*35mm	PM980-PM980	0.8-0.8M	0-Bare Fiber	N-None	F-Fast Axis Blocked
12-1X2	1064-1064nm	20-20/80	S-Specify	PM1550-PM1550	1-1M	1-900 μm Loose Tube	FU-FC/PC	B-Both Axis Working
	1550-1550nm	50-50/50		S-Specify	S-Specify	2-2mm Cable	FA-FC/APC	S-Slow Axis Blocked