

1550nm Single Mode Filter Coupler

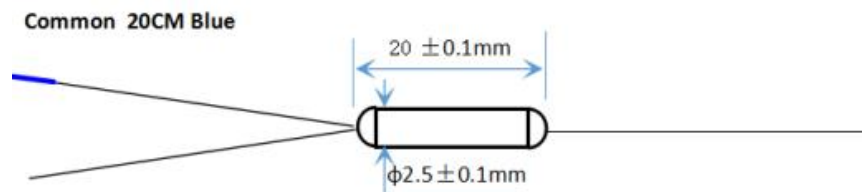
Mode: SMFC-1550-1x2-50-2.5x20-SI1012C-1-0-N

◆ Specification:

Parameters	Unit	Values
Configuration	/	1*2
Center Wavelength λ_c	nm	1550
Operating Wavelength	nm	± 20
Coupling Ratio	%	50/50 ± 3
Insertion Loss	dB	≤ 3.8
Max. Excess Loss	dB	≤ 0.8
Package Size	m	$\varnothing 2.5 \times 20$ (Steel Tube)
Max. Polarization Dependent	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	/	SI1012C
Fiber Length	m	1.0 ± 0.1
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.

◆ Package Dimension:



◆ Ordering Information

SMFC-①-②-③-④-⑤-⑥-⑦-⑧-⑨

①	②	③	④	⑤	⑥	⑦	⑧
Structure	Center Wavelength	Coupling Ratio	Package Dimension	Fiber Type	Fiber Length	Fiber Jacket	Connector
22-2X2	1310-1310nm	10-10/90	5.5*35mm	SMF28e-SMF28e	0.8-0.8M	0-Bare Fiber	N-None
12-1X2	1064-1064nm	20-20/80	2.5*20mm	SI1012C-SI1012C	1-1M	1-900 μm Loose Tube	FU-FC/PC
	1550-1550nm	50-50/50		S-Specify	S-Specify	2-2mm Cable	FA-FC/APC