

Features

- Wide bandwidth
- Low insertion loss
- High channel isolation
- Exceptional reliability and stability

Applications

- Optical amplifiers
- CATV

Specifications

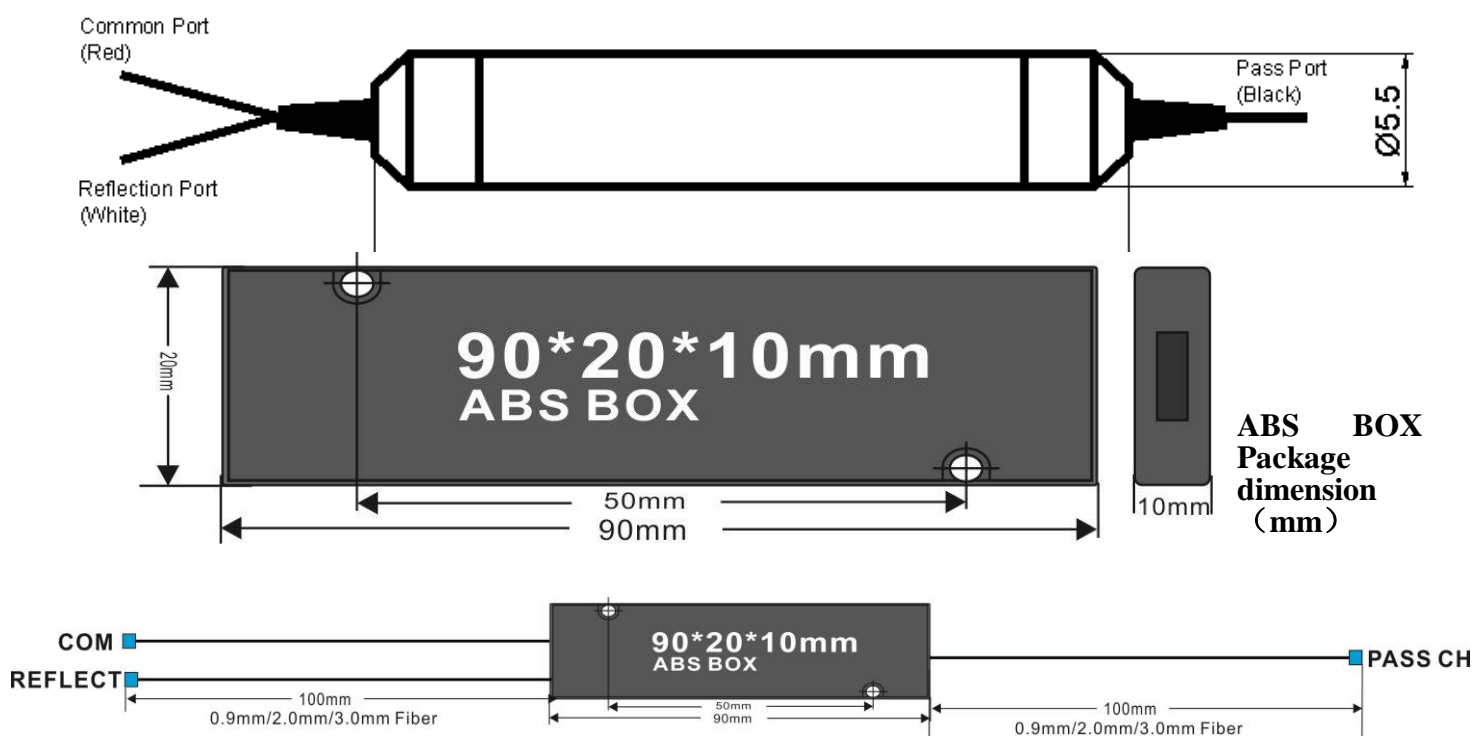
Item		Unit	Parameters
Pass Port (C-P)	Central Wavelength λ_p	nm	1550
	Wavelength Range	nm	1540~1565
	Insertion Loss	dB	≤ 0.6
	Flatness	dB	≤ 0.30
	Isolation @ λ_R	dB	≥ 30
Reflect Port (C-R)	Central Wavelength λ_R	nm	1310/1490/1600
	Wavelength Range	nm	1260~1500&1590~1650
	Insertion Loss	dB	≤ 0.40
	Flatness	dB	≤ 0.25
	Isolation @ λ_P	dB	≥ 18
Directivity		dB	≥ 50
Optical Return Loss		dB	≥ 50
Polarization Dependent Loss		dB	≤ 0.1
PMD		ps	≤ 0.1
Thermal Stability		dB/°C	≤ 0.005
Optical Power		mW	≤ 500
Tensile Load		N	≥ 5
Operating Temperature		°C	-5 to +70
Storage Temperature		°C	-40 to +85
Fiber type			SMF-28e with 0.9mm tube
Package dimension	Steel	mm	$\phi 5.5 \times 38$

ABS BOX	mm	90*20*10
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NOTE: 1) All the specifications are based on the devices without connector, and guaranteed over wavelength, polarization and temperature.

2) Specifications are subject to change without notice.

Steel Dimensions drawing (mm)



Note: Fiber diameter can be 0.9mm/2.0mm/3.0mm. Fiber length is 1M or others. Connector can be LC/SC/FC, or others. If you want to order, please check with us first.



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Ordering information

RD-FW	- Package	-Connector Type	U/A	-55	-Fiber Type	-Fiber Length
	S: Steel	0: No connector	U: UPC	55: 1550nm	9: 0.9mm Fiber	005: 0.5+/-0.1m
	B: ABS BOX	1: LC	A: APC		20:2.0mm	01: 1.0+/-0.1m
	Others	2: SC			30:2.0mm	others
		3: FC			Others	
		4: Others				

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