

Features

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

Applications

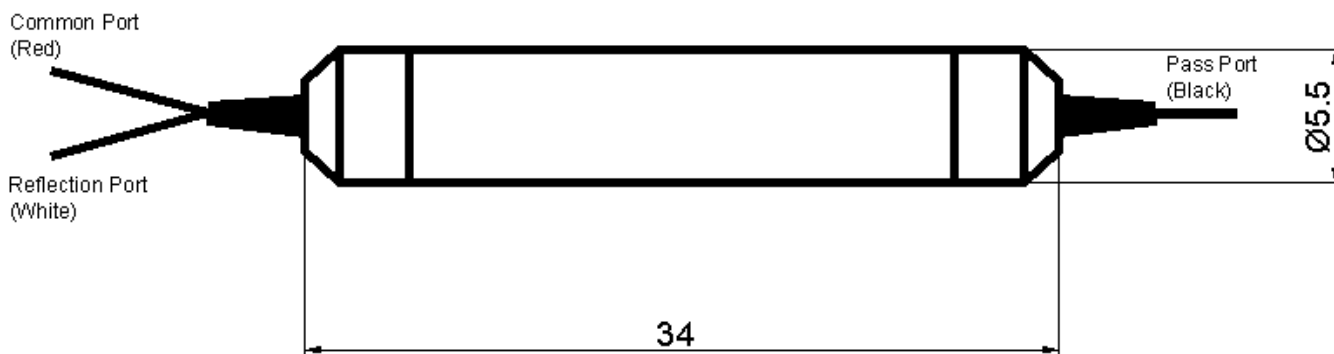
- Optical amplifiers
- CATV

Specifications

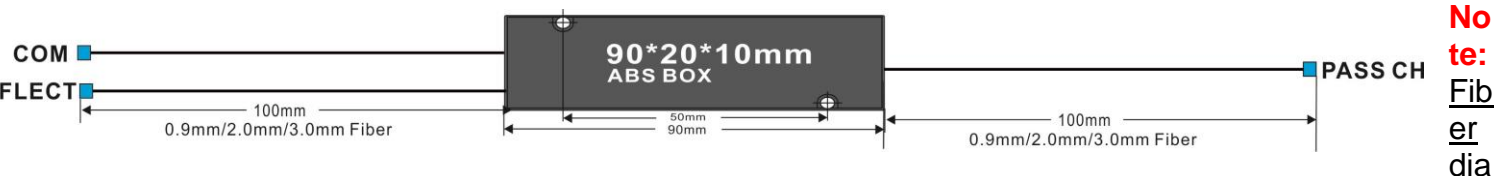
Item	Unit	Parameters	
Pass Port (C-P)	Central Wavelength λ_p	nm	1550
	Wavelength Range	nm	1540~1565
	Insertion Loss	dB	≤ 0.6
	Flatness	dB	≤ 0.30
	Isolation @ λ_R	dB	≥ 30
Reflect Port (C-R)	Central Wavelength λ_R	nm	1310/1490/1600
	Wavelength Range	nm	1260~1500&1590~1650
	Insertion Loss	dB	≤ 0.40
	Flatness	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

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)



ABS BOX Package dimension (mm)



meter 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.

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				