1310nm 3Port FWDM

Description

Filter WDM module which provides low insertion loss, high channel isolation, low temperature sensitivity and epoxy free optical path, extensively used in EDFA, Raman amplifiers

The device combines or separates light at different wavelengths in a wide wavelength range. It can expand the capacity of a single fiber to achieve bidirectional communication, so that widely used in optical network upgrade and expansion, or introduce new comprehensive business etc.

We provides filter-based wavelength division multiplexing (WDM) filter devices that are customized to the particular wavelength bands for your special applications

Features:

-- Wide bandwidth

-- Low insertion loss

-- High channel isolation

-- Exceptional reliability and stability

Application:

-- Optical amplifiers

-- CATV

Ordering information

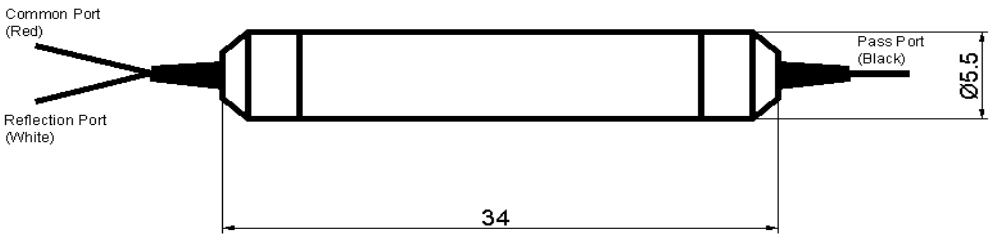
FZ-FW	- Package	-Connector Type	U/A	-31	-Fiber Type	-Fiber Length
	S: Steel	0: No connector	U: UPC	31: 1310nm	9: 0.9mm Fiber	005: 0.5+/-0.1m
	B: ABS BOX	1: LC	A: APC		20:2.0mm	01: 1.0+/-0.1m
	Others	2: SC			30:2.0mm	others
		3: FC			Others	
		4: Others				

Product specification

Item		Unit	Parameters
Pass Port (C-P)	Central Wavelength λ_p	nm	1310
	Wavelength Range	nm	1260-1360
	Insertion Loss	dB	≤0.6
	Flatness	dB	≤0.30
	Isolation @ λ_R	dB	≥30
Reflect Port (C-R)	Central Wavelength λ_R	nm	1490/1550/1610
	Wavelength Range	nm	1460-1620
	Insertion Loss	dB	≤0.40
	Flatness	dB	≤0.25
	Isolation @ λ_P	dB	≥15
Directivity		dB	≥50
Optical Return Loss		dB	≥50
Polarization Dependent Loss		dB	≤0.1
PMD		ps	≤0.1
Thermal Stability		dB/℃	≤0.005
Optical Power		mW	≤500
Tensile Load		N	≥5
Operating Temperature		℃	-5 to +70
Storage Temperature		℃	-40 to +85
Fiber type			SMF-28e with 0.9mm tube
Package dimension		mm	ϕ5.5 x 35

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）