

Passive Fiber Device

FWDM



Performance Characteristics

- ◆ Low insertion loss and high isolation
- ◆ High stability and high reliability
- ◆ Low PDL

Applications

- ◆ WDM Systems
- ◆ PON Networks
- ◆ CATV Links

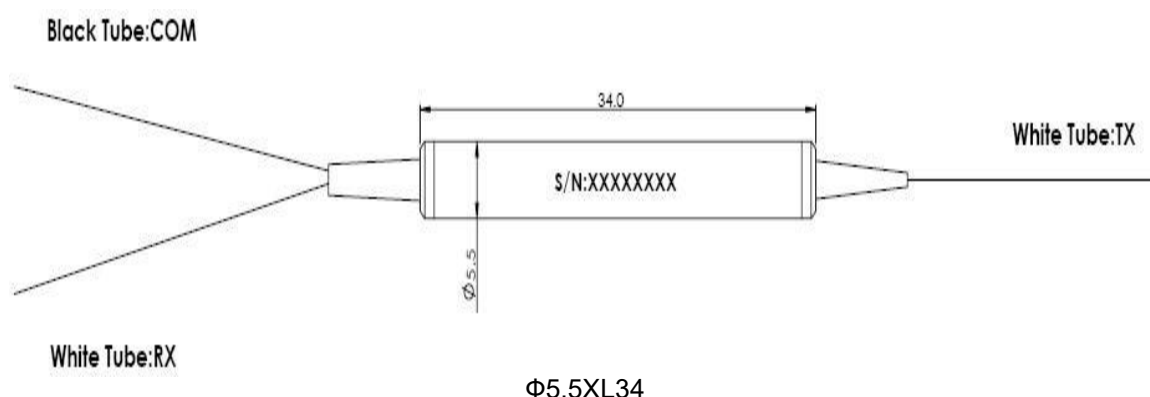
Specifications

Parameter	Value			Unit
Operating Wavelength	T1310/R1490/1550	T1550/R1310/1490	T1490/1550/R1310	nm
Transmission IL	≤ 0.8 (Typ 0.6)			dB
Reflection IL	≤ 0.6 (Typ 0.4)			dB
Transmission Isolation	≥ 30			dB
Reflection Isolation	≥ 15			dB
Pass band Ripple	≤ 0.3			dB
PDL	≤ 0.1			dB
PMD	≤ 0.1			Ps
RL	≥ 45			dB
Directivity	≥ 50			dB
Maximum Optical Power	500			mw
Fiber Type	SMF-28e			--
Operating Temperature	$-20 \sim +70$			°C
Storage Temperature	$-40 \sim +85$			°C
Package Dimensions	$\Phi 5.5 \times L34$ or			mm

Notes: Specified without connectors:

Add an additional 0.2dB loss per connector;

■ Mechanical Dimensions



■ Ordering Information

FWDM	XX	X	XX	X	X	X
	WDM Type	Fiber Type	Output fiber length	Com	Pass	Reflect
	F1=T13 / R14/15	B=Bare fiber	05=0.5m	0=None	0=None	0=None
	F2=T15 / R13/14	L=900um Loose Tube	10=1.0m	1=FC/UPC	1=FC/UPC	1=FC/UPC
	F3= T14/ R13/15		15=1.5m	2=FC/APC	2=FC/APC	2=FC/APC
				3=SC/UPC	3=SC/UPC	3=SC/UPC
				4=SC/APC	4=SC/APC	4=SC/APC
				5=LC/UPC	5=LC/UPC	5=LC/UPC
				6=LC/APC	6=LC/APC	6=LC/APC

*Other specifications can be made on customer request.

For example:WS-FWDM-F2-B-10-4-4-2

The product is wanshuo brand FWDM.WDM Type is T15/R13/14.Fiber Type is bare fiber.Output fiber length is 1m.COM port connector is SC/APC.Pass port connector is SC/APC.Reflect port connector is FC/APC.