

1310nm Taper Coupler and Circulator and VOA Module

Features

- Bandwidth wide
- Wavelength diversified
- Interference accuracy High

Application

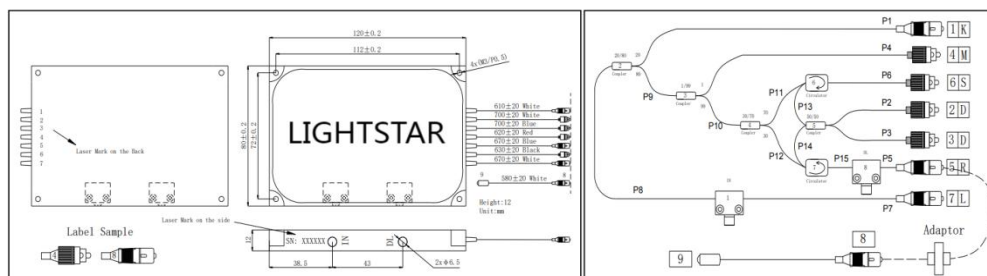
- Medical facility
- Test instrument

Specifications

Parameter		Unit	Value
Central wavelength		nm	1310
Bandwidth		nm	±50
Maximum insertion loss(7→1),23℃		dB	8.5
Maximum insertion loss(7→4),23℃		dB	24.0
Maximum insertion loss(7→5),23℃		dB	11.0
Maximum insertion loss(7→6),23℃		dB	5.5
Maximum insertion loss(5/6→2/3),23℃		dB	5.5
Return loss		dB	40
Fiber type		-	SMF-28e
Circulator	Polarization mode dispersion	ps	0.5
Collimator(9)	Reflection Insertion loss	dB	1.0 (Using The Testing Optical Path for Collimator, the Reflection Efficiency>50%)
	beam diameter	um	Nominal Beam Diamter: 900, Working Distance: 40±25mm
	Lens type	-	C-Lens
	接 Type	-	SC/APC
	Package dimensions	mm	3.2*14, Metal Holder
Optical path	Path I	-	(Port 7→Port 6) + (Port 6→Port 3)
	Path II	-	(Port 7→Port 5) + 2x(Port 5→Port 8→Port 9)+ (Port 5→Port 3), Including Collimator
	Path III	-	Port 7→Port 1
	Optical path I - II	mm	-188±7 (Fiber Conversions Length, I < II) -276 ±10 (In Air, I < II)
	Optical path II -III	mm	+1000±500 (Fiber Conversions Length, II >III)
	Tensile load	N	5
Operating temperature		℃	-5 to+70
Storage temperature		℃	-40 to +85
Package dimensions		mm	120*80*12

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

Package dimensions



Ordering information

FCCVM-①①①①-②-③-④-⑤-⑥⑥⑥

①①①①:Wavelength
1550=1550nm
SSSS=Specify

②:Port configuration
7=7port

③:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

④:Optical length
H=0.5m
1= 1.0m
S=Specify

⑤:Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify

⑥⑥⑥: Collimator length
580=580±20mm
SSS=Specify