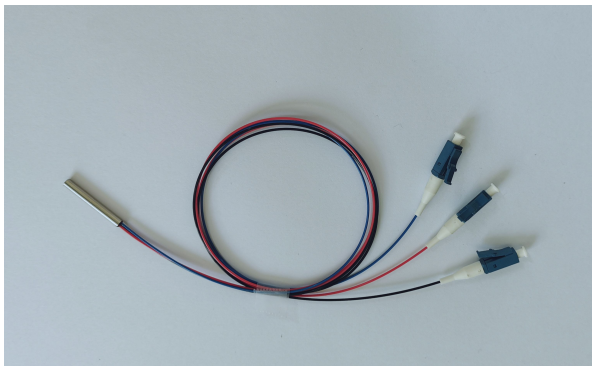
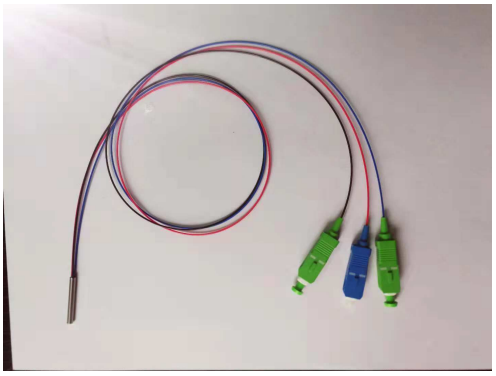
Reflected Type 3-PORT CWDM/FWDM Device





Feature:

- Small size
- High reliability

Performance Specifications

Parameters			Unit	Specifications
Work Wavelength Range			nm	1260~1650nm
Insertion Loss	Transmission	Max	dB	0.70
	Reflection	Max	dB	0.50
Isolation	Transmission	Min	dB	35
	Reflection	Min	dB	13 (CWDM), 20 (FWDM)
Polarization Dependent Loss		Max	dB	0.10
Passband Ripple		Max	dB	0.20
Return Loss		Min	dB	45
Directivity		Min	dB	50
Power Handling		Max	mW	300
Fiber Type			/	G652/G657A1.A2
Fiber Mark			/	Com Port：black Reflect Port：Red Pass Port：Blue
Pigtail Type			/	250μm Bare Fiber or 900μm Loose Tube
Connector Type			/	LC or SC
Operating Temperature			℃	-5~70
Storage Temperature			℃	-40~85
Package Size			mm	Φ3.2*L18

Remark: 1. The reliability conformed GR-1221-CORE or GR-326-CORE.

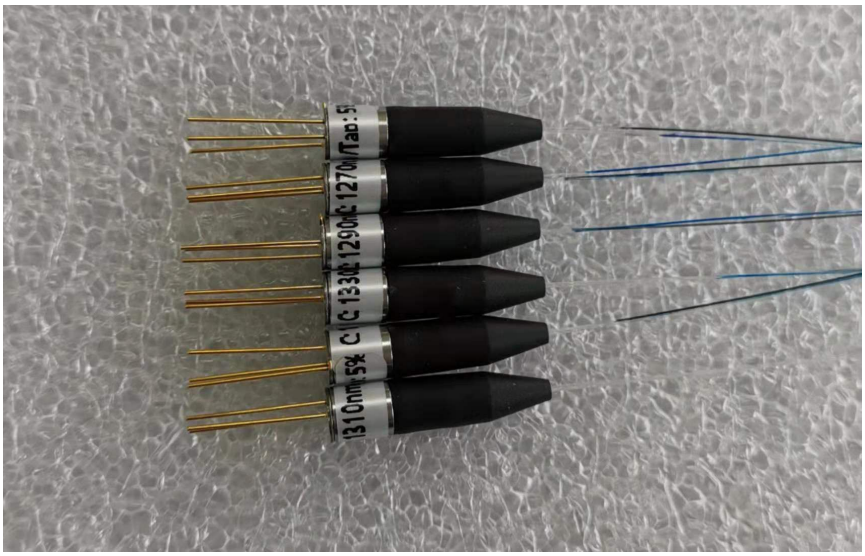
2. Insertion loss without connector.

Mini CWDM Module

Featrue:

- Package size 60*40*6mm & 45*28*6mm
- High reliability
- Low cost

CWDM -PD Device

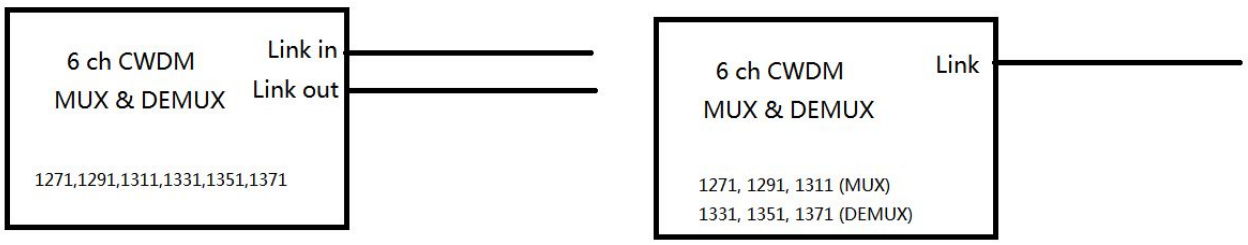


Feature:

- CWDM o/e integration module.
- High compact

Use in:

- CWDM equipment
- 5G fronthaul CWDM module



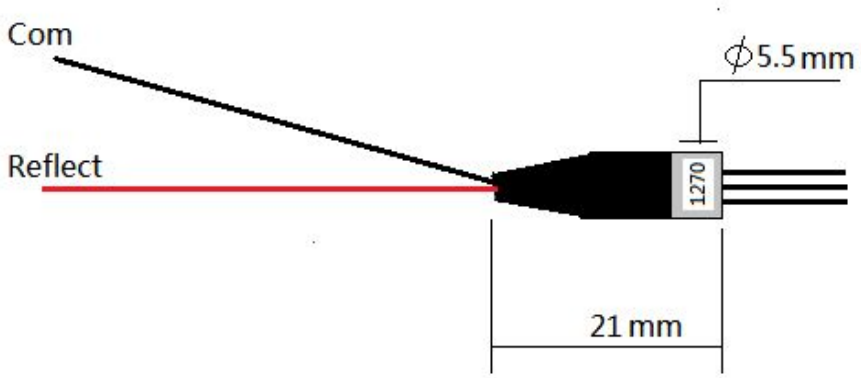
Performance Specifications

Parameter	Unit	Value
Pass CWDM wavelength	nm	1271,1291,1311,1331,1351,1371....1610.
Responsivity (Pass)	mA/mW	⩾0.85
Insertion Loss (Com-Reflect)	dB	≤0.4
Return loss	dB	≥45
Directivity	dB	≥50
Dark Current	nA	⩽1.0 (@25° C, 5V)
Forward Current	mA	⩽10
Reverse Voltage	V	⩽5
Capacitance	pF	⩽6 (Vr=5V, f=1MHz)
Polarization Dependent Loss	dB	⩽0.15
Polarization Mode Dispersion	ps	⩽0.1
Temperature Dependent Rate	%	±5 (@Responsiveness)
Power handling	mW	≤500
Fiber Type	--	G657A2/ B3
Package size	mm	ϕ5.5* 21 (L)
Operating temperature	°C	-10~ +70
Storage temperature	°C	-40 ~ +85

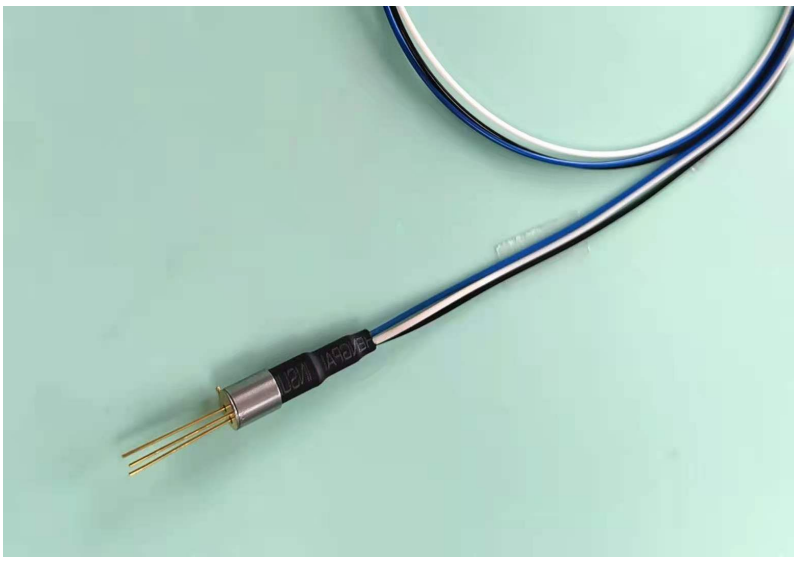
Remark: 1. The reliability test conformed Telcordia GR-1221-CORE.

2. Specifications without connector.

Package size



CWDM + Tap monitor Device



Feature:

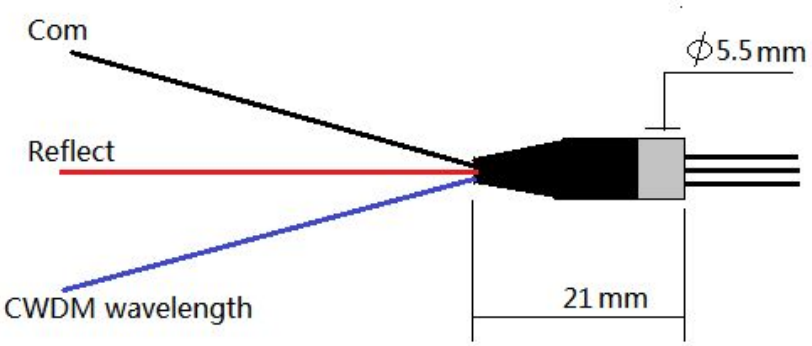
In-line monitor CWDM equipment working and alarm.

Performance Specifications:

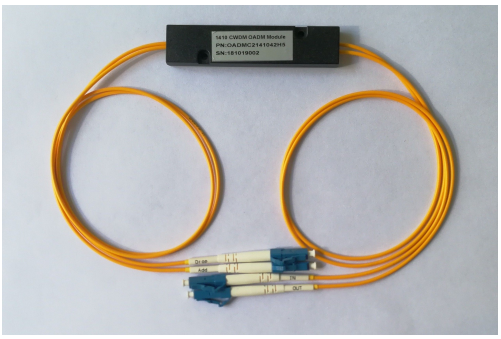
Parameter	Unit	Value
CWDM wavelength	nm	1271,1291,1311,1331,1351,1371....1610.
Tap monitor rate	%	1~5
Responsivity	mA/mW	0.008~0.060
Insertion Loss (without connector)	dB	≤0.7
Return loss	dB	≥45
Dark Current	nA	≤1.0 (@25° C, 5V)
Forward Current	mA	≤10
Reverse Voltage	V	≤5
Capacitance	pF	≤6 (Vr=5V, f=1MHz)
Polarization Dependent Loss	dB	≤0.15
Polarization Mode Dispersion	ps	≤0.1
Temperature Dependent Rate	%	±5 (@Responsiveness)
Directivity	dB	≥50
Power handling	mW	≤500
Fiber Type	--	G657A2/B3
Package size	mm	ϕ5.5* 21 (L)
Operating temperature	°C	-10~ +70
Storage temperature	°C	-40 ~ +85

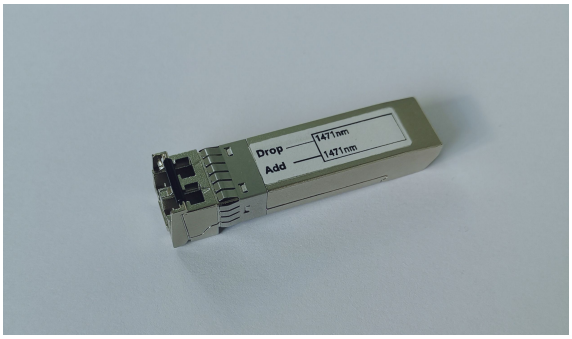
Remark: 1. The reliability test conformed Telcordia GR-1221-CORE.

Package size



Mini CWDM OADM Module



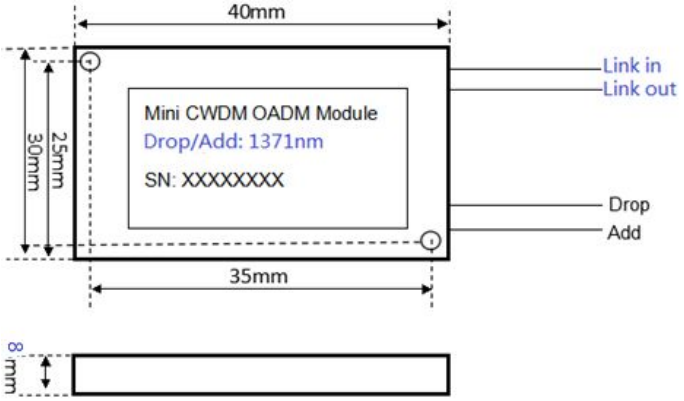


Performance Specifications

Parameter		Unit	Value
Optical Characteristics			
Operating Wavelength		nm	1260~1620
Working Wavelength (Drop/Add)		nm	CWDM ITU Grid
Passband bandwith		nm	CW±6.5
Insertion Loss	Link in to Drop	dB	≤0.8
	Add to Link out	dB	≤0.8
	Link in to out	dB	≤0.6
Isolation	Link out@Drop	dB	≥18
	Add@Link in	dB	≥30
Directivity		dB	≥50
Return loss		dB	≥45
PDL		dB	≤0.10
Power handling		mW	≤500
Fixed wavelength OADM with XFP Module			
Transmit/Add（10G/25G XFP+ 10KM）			
Launched power		dBm	-1~+5
Receiver/Drop			
Receiver sensitivity		dBm	-23 （Max）
Operating temperature		°C	-25~ +85
Storage temperature		°C	-40 ~ +85
Package Size		mm	L60*W22*H10 (2x2 Module) L40*W30*H6 (All ports on the side) SFP+ 67 (L)

Remark: The reliability test conformed the telcordia GR-1221-CORE or GR-468-CORE.

Package drawing



Type 1: All ports on the side

Type 2: 2X2 Module