



CWDM-PD Device



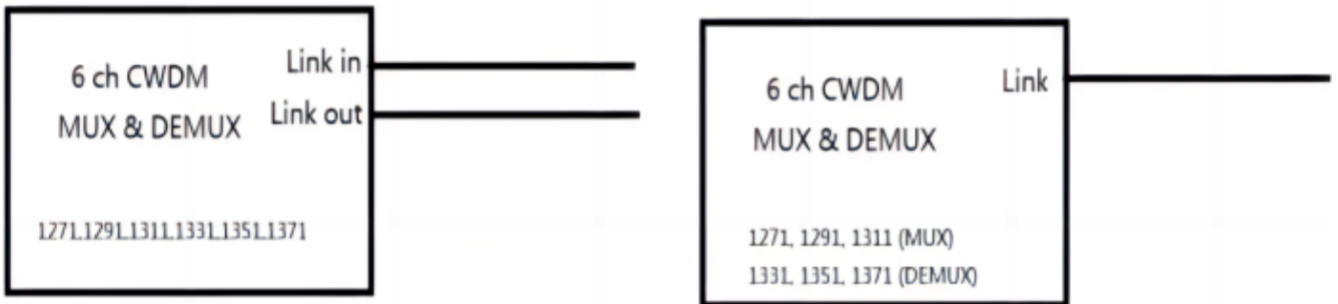
CWDM with Tap-PD Device

● FEATURES

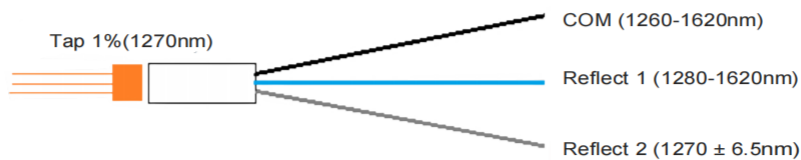
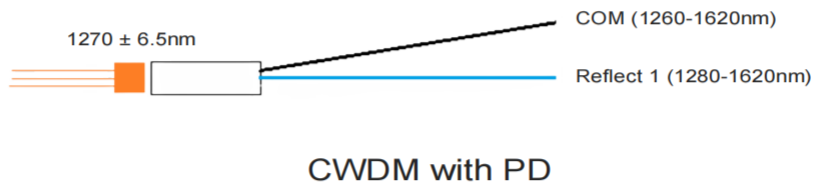
- CWDM-Tx、CWDM-Rx and CWDM-BOSA integrated.device
- CWDM MUX/DEMUX module
- CWDM with Tap-PD monitor device
- High compact

● APPLICATION

- CWDM equipment and transmitting system
- 5G front-haul CWDM module



● Operating Wavelength



## ● Specification

Parameter	Unit	Value
Pass CWDM wavelength	nm	1271,1291,1311,1331,1351,1371....1611.
Responsivity (Pass)	mA/mW	$\geq 0.85$ or $\geq 90\%$ (Tap rate)
Insertion Loss (Com-Reflect 1)	dB	$\leq 0.4$
Insertion Loss (Com-Reflect 2)	dB	$\leq 0.6$
Return loss	dB	$\geq 45$
Directivity	dB	$\geq 50$
Dark Current	nA	$\leq 1.0$ (@25°C, 5V)
Forward Current	mA	$\leq 10$
Reverse Voltage	V	$\leq 5$
Capacitance	pF	$\leq 6$ ( $V_r=5V$ , $f=1MHz$ )
Polarization Dependent Loss	dB	$\leq 0.15$
Polarization Mode Dispersion	ps	$\leq 0.1$
Temperature Dependent Rate	%	$\pm 5$ (@Responsiveness)
Power handling	mW	$\leq 500$
Fiber Type	--	G657A2/ B3
Package size	mm	$\phi 5.5 * 21$ (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

