

## DWDM Device

### Feature

**Low insertion loss**  
**High return loss**  
**High Isolation**  
**High reliability & stability**

### Application

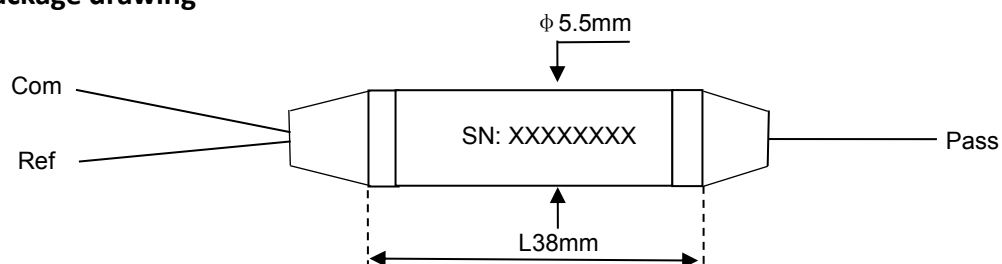
**DWDM network module**  
**5G fronthaul**  
**High speed network**

### ● Performance Specifications

Parameter		Unit	Value	
Operating Wavelength		nm	1500~1620	
Centre Wavelength		nm	ITU Grid	
Channel Spacing		GHz	100	200
Passband bandwidth(-0.5dB)		nm	±0.11	±0.25
Reflection bandwidth(-0.5dB)		nm	1500~(CW-0.6)&(CW+0.6)~1620	1500~(CW-1.2)&(CW+1.2)~1620
Insertion Loss	Pass Channel	dB	≤0.8	
	Reflection Channel	dB	≤0.4	
Adjacent Channel Isolation		dB	≥30	
Non-Adjacent Channel Isolation		dB	≥40	
Reflection Channel Isolation		dB	≥13	
Directivity		dB	≥50	
Return loss		dB	≥50	
PDL		dB	≤0.20	
Channel Ripple		dB	≤0.5	
Power handling		mW	≤500	
Operating temperature		°C	-25~ +85	
Storage temperature		°C	-40 ~ +85	

Remark: 1. The reliability test conformed the Telcordia GR-1221-CORE.  
 2. Specifications exclude connector.

### ● Package drawing



● **Ordering Information**

DWDM	Channel Spacing	Starting Channel	Fiber Type	Pigtail type	Package Type	Connector type	Serial number
	1=100G	C01=ITU C01	1=SMF-28e	0=bare fibre	1=Φ5.5*L38mm	0=None	01
	2=200G	C02=ITU C01	ultra fiber	1=0.9mm loose tube	2=glass tube	1=FC/PC	....
		....	2=G657 A2	X=Specify	Φ4.0*L26mm	2=FC/APC	99
		C70=ITU C70	X=Specify		X=Specify	3=SC/PC	
		C71=ITU C71				4=SC/APC	
		L48=ITU L48				5=LC/PC	
		L49=ITU L49				6=LC/APC	
		....				X=Specify	
		L99=ITU L99					
		L00=ITU L00					

● **Contact Information**

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