

Compact Coarse wavelength division multiplexer

Features:

Environmental Green Plan
Compliance
High Reliability
Super Thermal Stability
Ultra-Low Insertion Loss
Narrow Down Distribution
High Channel Isolation
Epoxy-free Optical Path

Applications:

WDM System for Metro/Access

FTTX Application



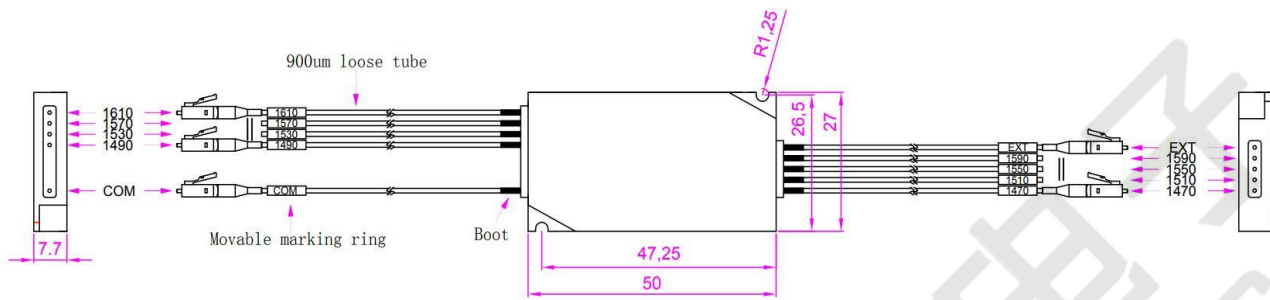
Items	Unit	CCWDM Module			
Channels	CH	4	8	16	18
Operating wavelength	nm	1260~1620			
Transmission band	nm	±6.5、±7.0、±7.5			
Transmission band insertion loss	dB	≤1.4	≤1.7	≤2.0	≤2.5
Transmission Adjacent Isolation	dB	≥30			
Transmission Non-adjacent isolation	dB	≥45			
Return loss	dB	≥45			
Directivity	dB	≥50			
Ripple	dB	≤0.5			
Package dimension	mm	L50xW27xH7.7、L50xW44xH7.7			
Operating temperature	℃	-25~+70			
Fiber type		900um loose tube			
Connector type		LC/PC(or customize)			

Performance Specification

* Note:

- 1) The maximum IL is under all states of polarization and within the full operating temperature And wavelength ranges specified
- 2) All the parameters are excluding connectors
- 3) The mechanical tolerance shoulder +/-0.2mm on all package dimensions unless otherwise Custom specified

Mechanical Drawing/Package Dimensions (dimension in mm)



Or



①①Wavelength

4=4 CH
8=8 CH
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②Fiber type

1=250um bare fiber
2=900um loose tube
S= custom spec

③Fiber length

1=1m
S=custom spec

④Package dimension

A=Package dimension A
S=custom spec

⑤Connector

0=None
1=FC/APC
2=FC/PC
3=SC/APC
4=SC/PC
5=ST
6=LC
S=custom spec

*The tolerance of fiber length is +/-0.1m. 1 meter is standard. The lead-time for special Fiber length will be longer