

1、 Description

LAN WDM utilizes free space technology, with ultra-compact size and high reliability. It can be widely used in 40Gbps or 100Gbps application. All XDK's WDM products are Telcordia GR-1209 and GR-1221 compliance.

2、 Features

- Low Insertion Loss
- High Stability and reliability
- High Channel Isolation
- Ultra compact size
- Epoxy-free on Optical Path

3、 Specification

Parameter		4 Channel WDM
Wavelength Range(nm)		1280-1330
Channel Spacing(GHz)		800
Channel Wavelength (nm)	CH1	1294.53-1296.59
	CH2	1299.02-1301.09
	CH3	1303.54-1305.63
	CH4	1308.09-1310.19
Insertion Loss (dB)		≤1.4
Channel Ripple (dB)		≤0.5
Isolation (dB)	Adjacent	>25
	Non-adjacent	>35
Insertion Loss Temperature Sensitivity (dB/°C)		<0.005
Wavelength Temperature Shifting (nm/°C)		<0.002

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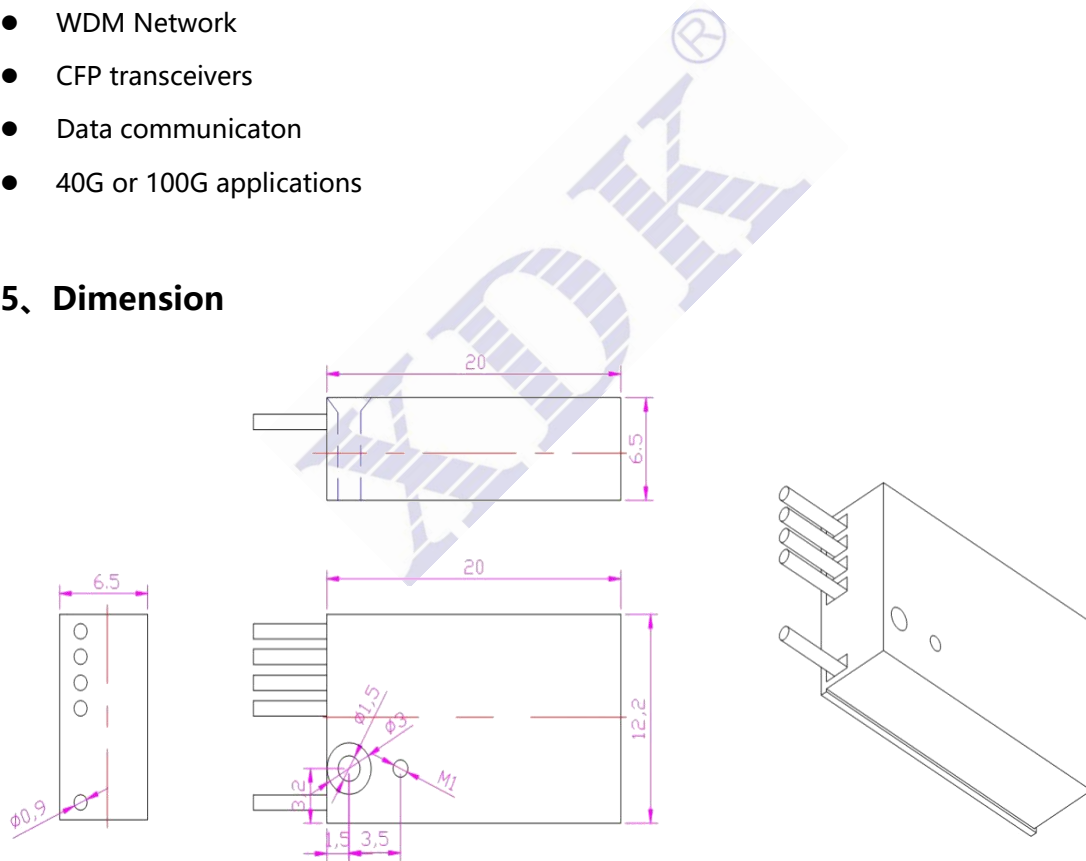
Polarization Dependent Loss (dB)	<0.3
Polarization Mode Dispersion	<0.2
Directivity (dB)	>50
Return Loss(dB)	>45
Maximum Power Handling (mW)	300
Operating Temperature (°C)	-10~+80
Storage Temperature (°C)	-40~+85
Package dimension (mm)	L20*W12.4*H6.4

1、Specification may change without notice. Above specification are for device without connectors.

4、Application

- WDM Network
- CFP transceivers
- Data communication
- 40G or 100G applications

5、Dimension



6. Ordering Information:

U-WDM	X	XX	X	X	X	XX
	Channel Spacing	Number of Channels	Configuration	Fiber Type	Fiber Length	In/Out Connector
	8=800GHz	04=4 Channel	M=Module type	1=Bare fiber 2=900um Loose tube	1=1m 2=0.75m 3=0.5m S=Specify	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC/PC 7=LC/APC S=Specify