



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

Items		Unit	Parameter
Channel Wavelength	CH1	nm	1294.53-1296.59
	CH2		1299.02-1301.09
	CH3		1303.54-1305.63
	CH4		1308.09-1310.19
Wavelength Range		nm	1280-1330
Channel Spacing		GHz	800
Insertion Loss		dB	≤1.5
Isolation	Adjacent	dB	≥25
	Non-adjacent		≥35
Channel Ripple		dB	≤0.5
Polarization Dependent Loss		dB	≤0.5
TDL		dB	≤0.5

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Uniformity	dB	≤1.0
Polarization Mode Dispersion	ps	≤0.2
Return Loss	dB	≥45
Directivity	dB	≥50
Maximum Power Handling	mw	≤300
Operating Temperature	°C	-5~70
Storage Temperature	°C	-40~85
Packing	mm	21x13x6.5

4、Application

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

