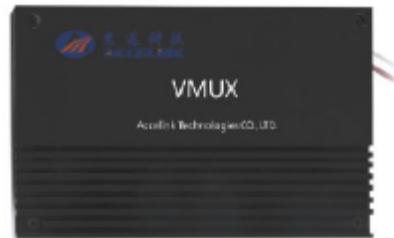


Variable Optical Wavelength Division Multiplexer Module Series



Product Introduction

VMUX is designed for DWDM system, reconfigurable optical add/drop multiplexer (ROADM) system, and metropolitan area network (MAN). The products have functions of Mux/Demux and pre-equalize of optical power in different channels.

Features

- Fast response, Flexible Control
- Low insertion loss
- Small volume, low cost
- High reliability

Applications

- DWDM system
- ROADM (Reconfigurable optical add/drop multiplexer)
- Long and ultra long distance optical transmission network system
- MAN(Metropolitan area network)

Standards

- Telcordia GR-1312-CORE
- RoHS

Specifications

Parameter	Unit	Specifications
Channel Number		16,32,40,48(Customer choose)
Channel Space	GHz	100
Operating Band	nm	C or L band
Bandwidth(@-0.5dB)	nm	>0.2

Bandwidth(@-1.0dB)	nm	>0.4
Bandwidth(@-3.0dB)	nm	>0.6
Bandwidth(@-20dB)	nm	<1.2
Channel Central Wavelength Accuracy	pm	±50
Insertion Loss	dB	<7.0
Channel Insertion Loss Uniformity	dB	<1.2
Polarization Mode Dispersion	ps	<0.5
Polarization Dependent Loss	dB	0~10:<0.5, 10~15:<1.0
Adjacent Channel Isolation	dB	>25
Non-Adjacent Channel Isolation	dB	>30
Return Loss	dB	>45
Channel Attenuation Range	dB	>15
Response Time	ms	<10
Power Consumption	W	<2(TFF), <30(AWG)
Operating Temperature	°C	-5~+65
Storage Temperature	°C	-40~+85

Ordering Information (针对无源产品及子系统产品)

VMUX- □-□-□-□-□-□-□-□

