

DENSE WAVE DIVISION MULTIPLEXER MUX/DEMUX

[DWDM-x-x-x-x]

TaiTin

Description

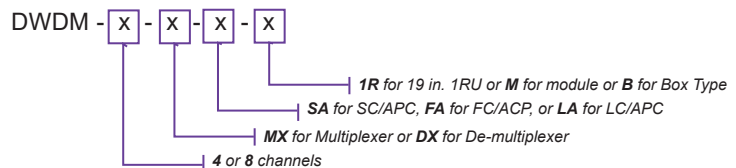
Taikan's DWDM (Dense Wave Division Multiplexer) is manufactured on a mature thin filtering technology and exhibits low insertion loss and high isolation/reliability/stability. It offers both multiplexing and demultiplexing capabilities. Encased in a compact housing, the product can bi-directionally transmit 4 or 8 channels.



Features

- Low Insertion Loss
- High Channel Isolation
- Low Polarization Dependent Loss
- Exceptional Reliability and Stability
- Access Networks
- Metro WDM Systems
- Enterprise Networks

Ordering Information



Performance	Value	Unit
Downlink Operating Wavelength (Red Band)	1547.4 to 1563.4	nm
Uplink Operating Wavelength (Blue Band)	1528.0 to 1543.3	nm
Center Wavelength Accuracy	-0.03 to +0.03	nm
Channel Spacing	100	GHz
Channel Passband (@ -0.5 dB Bandwidth)	0.22 <	dB
In-band ripple	> 0.5	dB
Insertion Loss	< 6	dB
Isolation		
Adjacent	30	dB
Non-adjacent	40	dB
Polarization Dependent Loss	<0.2	dB
Polarization Mode Dispersion	<0.1	ps
Power Handling	<500	mW
Fiber Type	SMF-28 900µm loose tube	
Fiber Length	19.7 <	in
	(0.5)<	m
Optical Connector	FC/APC, SC/APC, LC/APC	
Dimensions of Module	5x3.15x0.5	in
	(128x80x12)	mm
Dimensions 19" 1 RU	19x10.7x1.75	in
	(483x272x305)	mm