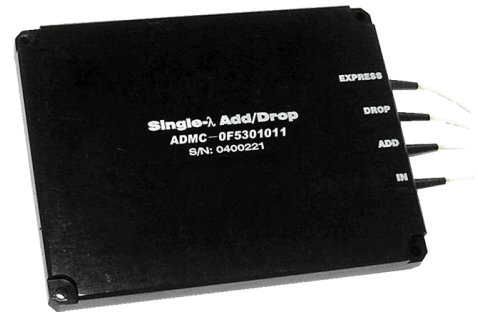


## Features

- Low insertion loss
- High channel isolation
- Low polarization dependent loss
- Exceptional reliability and stability



## Applications

- Access networks
- Long-haul WDM systems
- Metro WDM systems
- Enterprise networks

## Product Description

Primanex single channel add/drop modules demonstrate low loss, temperature insensitivity, and reliable performance in any system application, and are available for ITU channel spacing of 100 and 200 GHz.

Fixed add/drop modules offer low-cost wavelength management solutions that are suitable for metro and access applications. Easily customizable, these devices are configured by number of channels for any customer-specific channel plan.

Established volume capability and proven experience in customizing fiber optic components and modules make Primanex the supplier of choice.

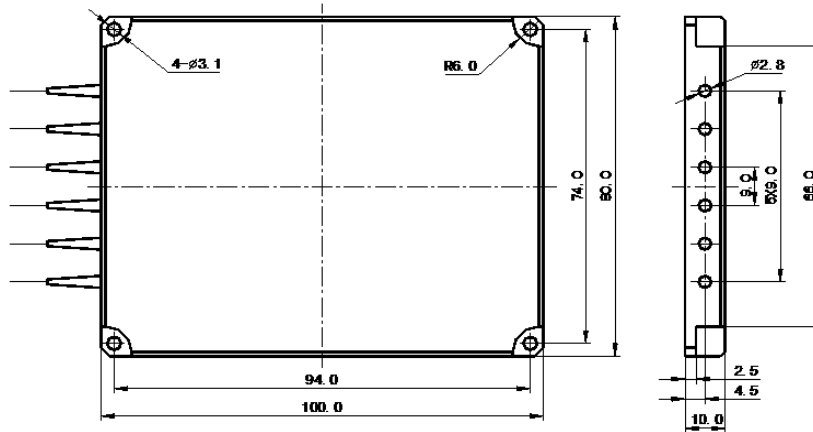
## Specifications

Item	Unit	Parameters		Notes
Channel Spacing	GHz	100	200	
Wavelength Range	nm	C, L, or C+L band		
Channel Centers	nm	ITU		
Pass Band Width	GHz	≥ +/- 12.5	≥ +/- 33	
Pass Band Ripple	dB	≤ 0.5		
Add/Drop Insertion Loss (single-λ)	dB	≤ 1.1		
Add/Drop Insertion Loss (dual-λ)	dB	≤ 1.8		
Express Insertion Loss (single-λ)	dB	≤ 0.9		
Express Insertion Loss (dual-λ)	dB	≤ 1.4		
Drop Isolation (adj channel)	dB	≥ 30		
Drop Isolation (non-adj channel)	dB	≥ 50		
Express Isolation	dB	≥ 25		
Polarization Dependent Loss	dB	≤ 0.2		
Polarization Mode Dispersion	ps	≤ 0.2		
Directivity	dB	≥ 50		
Return Loss	dB	≥ 45		
Optical Power Handling	mW	≤ 500		
Operating Temperature Range	°C	-5 to 70		
Storage Temperature Range	°C	-40 to +85		
Fiber Type	NA	SMF-28e+		Other fiber is optional
Package Dimension	mm	100×80×10		ABS

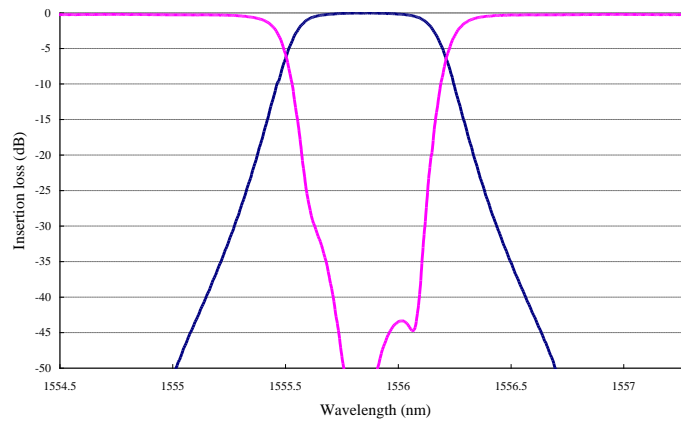
\*. All the specifications are based on the devices without connectors, and guaranteed over wavelength, polarization and temperature.

\*\* Specifications are subject to change without notice.

## Dimensions Drawing (Unit: mm)



## Spectral Plot 100GHz coupler



## Ordering Information(Example:ADMD-1FC3410120)

Channel Spacing	Channel Frequency Code	Code Channel Number	Fiber Length	Connector Type
1. 100 GHz	Provided by Primanex upon customer confirmation	101、Single Channel	1. 0.5 +/- 0.1 m	0. No Connector
2. 200 GHz		202、Dual Channel	2. 1.0 +/- 0.1 m	1. FC/UPC
		909、Custom	3. Others	2. FC/APC
				3. SC/UPC
				4. SC/APC
				5. Others

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