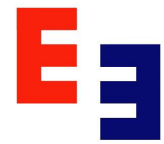


# 100G/200G DWDM

## Single Device



YIXI 益熙

### Features:

- ◆ Low insertion loss
- ◆ High Channel Isolation
- ◆ Epoxy-Free in Optical Path
- ◆ Telcordia Compliant

### Applications:

- ◆ Add/Drop System
- ◆ DWDM System
- ◆ CATV System



### Specifications:

Parameters		Unit	100G	200G
Central Wavelength		nm	ITU Grid	ITU Grid
Channel Passband		nm	$\lambda_c \pm 0.11(\text{Min})$	$\lambda_c \pm 0.25(\text{Min})$
Insertion loss	Add/Drop Channel	dB	$\leq 0.7$	$\leq 0.8$
	Express Channel		$\leq 0.3$	$\leq 0.5$
Isolation	Adjacent Channel	dB	$\leq 28$	$\leq 30$
	Non-adjacent Channel		$\geq 40$	$\geq 40$
	Express Channel		$\geq 12$	$\geq 12$
Ripple in Passband		dB	$\leq 0.5$	$\leq 0.3$
Temperature Stability		dB/ °C	$\leq 0.005$	
PDL		dB	$\leq 0.15$	
PMD		dB	$\leq 0.1$	
Return loss		dB	$\geq 45$	
Directivity		dB	$\geq 55$	
Maximum Power Handling		mw	500	
Operating Temperature		°C	- 5~75	
Storage Temperature		°C	- 40~85	
Package Dimension		mm	B:(Φ)3.8x(L)23 for 250μm bare fiber	
		mm	L & T:(Φ)5.5x(L)40 for 900μm w/SS tube	