

100G/200G DWDM Single Device

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	≤ 1.0	≤ 0.8
	Express Channel		≤ 0.4	≤ 0.4
Isolation	Adjacent Channel	dB	≤ 28	≤ 30
	Non-adjacent Channel		≥ 40	≥ 40
	Express Channel		≥ 12	≥ 12
Ripple in Passband		dB	≤ 0.5	≤ 0.3
Temperature Stability		dB/°C	≤ 0.005	
PDL		dB	≤ 0.15	
PMD		dB	≤ 0.1	
Return Loss		dB	≥ 45	
Directivity		dB	≥ 55	
Maximum Power Handling		mW	500	
Operating Temperature		°C	0~70	
Storage Temperature		°C	-40~85	
Package Dimension		mm	B: (Φ)3.8 × (L)23 for 250 μ m bare fiber	
		mm	S: (Φ)5.5 × (L)35 for 250 μ m bare fiber w/SS tube	
		mm	L & T: (Φ)5.5 × (L)40 for 900 μ m w/SS tube	

1. All specifications include the effect of all states of polarization.

2. Values referenced without connectors, insertion loss for a connector-pair is 0.20dB to 0.30dB.

3. Package dimension excludes rubber boot.