



### Key Features

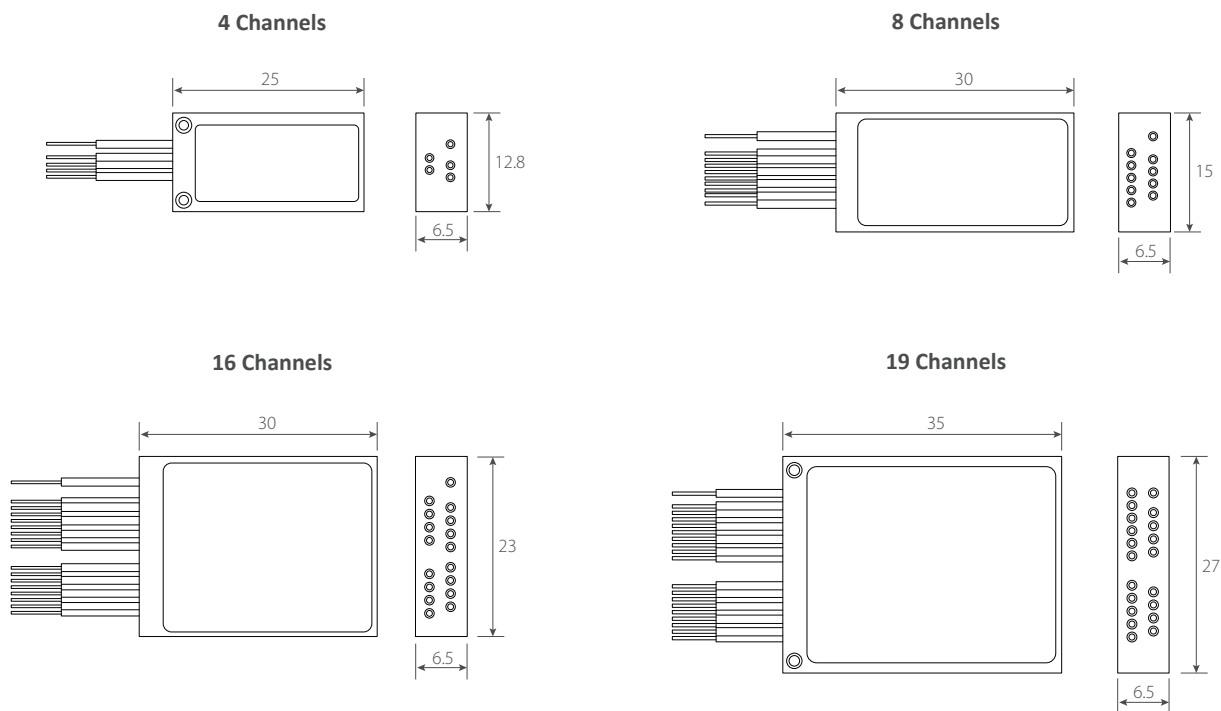
- Ultra compact
- Based on TFF and free-space technology
- Ultra-low insertion
- Stable at all operating temperatures
- All fibers from the same side of the device

### Applications

- Ultra compact 100G/200GHz DWDM module with ultra-low insertion that could be used for NG-PON2 application.



## Dimensions



Unit: mm

## Parameter Specifications

	4 Channels	8 Channels	16 Channels	19 Channels
Insertion Loss	≤1.5dB	≤2.0dB	≤3.0dB	≤3.5dB
Ripple	≤0.40dB	≤0.45dB	≤0.50dB	≤0.50dB
Polarization Dependent Loss	≤0.25dB	≤0.3dB	≤0.3dB	≤0.3dB
Channel Center Wavelengths	ITU			
Channel Spacing	100G:0.8nm / 200G:1.6nm			
Channel Passband	100G: $\lambda_c \pm 0.11\text{nm}(\text{Min.})$ / 200G: $\lambda_c \pm 0.25\text{nm}(\text{Min.})$			
Isolation-Adjacent	≥30dB			
Isolation-Non-Adjacent	≥ 40dB			
Directivity	≥50dB			
Return Loss	≥50dB			

Note:  
The above parameters do not include a connector,  
which is less than 0.2dB for a pair of connector.

# Ultra Compact WDM

## 100G/200G DWDM



A BizLink Group Company

Operating Conditions	4 Channels	8 Channels	16 Channels	19 Channels
Maximum Power Handling		500mW		
Operating Temperature		-5°C ~ +70°C		
Storage Temperature		-40°C ~ +85°C		
Operation Humidity		5% to 95% Relative Humidity		



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