

## 980/1550, 1310/1550 WDM Coupler

980/1550,1310/1550 WDM Coupler (**WDM-C**) is manufactured using advanced fused biconic tapering technique. The 1310/1550nm WDM coupler is the basic component to make up dual window WDM devices. The 980/1550nm WDM coupler is used for EDFA, whose pump wavelength is 980nm. Our fused WDM devices have met the Bellcore GR-1209-CORE requirements.

### Features of our WDM-C:

- High isolation
- Low insertion loss
- Low polarization sensitivity

### Applications for our WDM-C:

- Fiber amplifier
- Telecommunication
- CATV fiber optic links



Figure. 980/1550, 1310/1550nm WDM Coupler

### Specifications:

Operation Wavelength	nm	980/1550		1310/1550	
Operation Bandwidth	nm	± 10		±15	
Grade		P	A	P	A
Isolation	dB	≥ 20	≥ 18	≥ 24	≥ 18
Insertion Loss	dB	≤ 0.3	≤ 0.4	≤ 0.3	≤ 0.4
Polarization Dependent Loss	dB	≤ 0.1	≤ 0.13	≤ 0.1	≤ 0.13
Directivity	dB	≥ 55			
Maximum Power Handling	mW	300			
Maximum Tensile Load	N	5			
Operating Temperature	°C	-40 ~ +70			



Storage Temperature	°C	-40 ~ +85
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### Ordering Information:

- Ports: 1 x 2 or 2 x 2
- Input/Output: Diam. 0.25mm Fiber or other
- Grade: Premium (P) or Grade A (A)

We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing [sales2@o-eland.com](mailto:sales2@o-eland.com)