



## Single-mode Fiber Wavelength Division Multiplexer

(980/1550nm, 1310/1550nm, 1480/1550nm, 1550, 1625nm)

Single-mode Fiber Wavelength Division Multiplexer is based on fusion process and can combine two optical signal of different wavelengths in one fiber or separate them into two fibers reversely. The product has excellent performance and meets the Telcordia GR-1221 requirements.

### Features of our WDM-N:

- Low insertion loss
- High channel isolation

### Applications for our WDM-N:

- CATV system, other WDM system
- Optical Instruments, EDFA, DWDM system

### Specifications:

Parameter	Unit	Value			
		980/1550	1310/1550	1480/1550	1550/1625
Wavelength	nm	980/1550	1310/1550	1480/1550	1550/1625
Passband Width	nm	+/-10	+/-10	+/-5	+/-5
Isolation	dB	>=20	>=20	>=20	>=20
Insertion Loss	dB	<=0.3	<=0.3	<=0.3	<=0.3
Directivity	dB	>=55	>=55	>=55	>=55
PDL	dB	<=0.1	<=0.1	<=0.1	<=0.1
Operation Temperature	deg. C	-40 ~ +85			
Storage Temperature	deg. C	-40 ~ +85			

Parameter		Unit	Value
Pass Band	Wavelength	nm	1500 ~ 1520 / 1528 ~ 1562
	Insertion Loss	dB	< 1.2



	Insertion Loss	dB	< 1.2
	Isolation	dB	>35
Reflect Band	Wavelength	nm	1528 ~1562 / 1500 ~ 1520
	Insertion Loss	dB	< 0.7
	Isolation	dB	>12
Ripple		dB	<0.5
Wavelength Thermal Stability		nm/C	<0.002
Insertion Loss Thermal Stability		dB/C	<0.007
Directivity		dB	>60
Return Loss		dB	>60
Operation Temperature		°C	0 ~ +65
Storage Temperature		°C	-40 ~ +85

**Ordering information:**

- Connectors: FC/UPC, FC/APC, SC/UPC, SC/APC, others
- Pigtail: Diam. 0.25mm, 0.9mm, 3mm optical cable

**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)