



## TFF Wavelength Division Multiplexer

WDM are based on thin film filter technology and are metallized packaged. They can be used in high-power applications in WDM systems. Our WDM devices are Telcordia GR-1221 qualification tested. All our products are epoxy-free in the optical path.

### Features of our WDM:

- Low Insertion loss
- Exceptional reliability and environmental stability
- Low polarization dependent loss (PDL)

### Applications for our WDM:

- Long haul networks
- Metro networks
- Access/enterprise networks
- Fiber CATV
- Optical Amplifier

### Specifications:

Parameter	Unit	Value
Passband	Wavelength (nm)	1310+/-40,1480+/-10,1510+/-10,1625+/-10/1528-1563
	Insertion loss (dB)	<=0.9
	Isolation (dB)	>=35
Reflective band	Wavelength	1528-1563/1310+/-10, 1480+/-10,1510+/-10,1625+/-10
	Insertion loss	<=0.6
	Isolation	>=15
Flatness	dB	<=0.4
Wavelength thermal stability	nm/C	<=0.002
Insertion loss thermal stability	db/C	<=0.007

Directivity	dB	$\geq 60$
Return loss	dB	$\geq 45$
PDL	dB	$\leq 0.15$
PMD	ps	$\leq 0.1$
Power handling	mW	$\leq 300$
Operation temperature	°C	-10~+65
Storage temperature	°C	-40~+85
Dimension	mm	A: 35x Diam 5.5 (250um fiber)
		B: 48 x Diam 5.5 (900um fiber)
		C: 65x9x7.5 (900um fiber)

#### Ordering Information:

- Wavelength: 980/1550nm, 1310/1550nm, 1480/1550nm, 1510/1550nm, 1625/1550nm
- Passband: short wavelength, long wavelength
- Cable diameter: 250um, 900um
- Fiber length: 0.5m, 1m, customer request
- Connector: none, FC/PC, FC/APC, SC/PC, SC/APC, LC/PC, MU/PC, customer request
- Package: from table: A, B or C

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)