

# TFF Wavelength Division Multiplexer C/L

ACCELINK TECHNOLOGIES CO.,LTD.



Accelink's WDM C/L is based on thin film filter technology. It can be used in high-power applications in WDM systems. Accelink's WDM devices are Telcordia GR-1221 CORE qualified.

## Features

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

## Applications

- Ultra wideband EDFAs
- High channel count systems
- Extended band systems

## Specifications

Parameter		Unit	Type1	Type2
Passband	Wavelength	nm	1570~1610	1528~1563
	Insertion loss	dB		≤1.0
	Isolation	dB		≥20
Reflective band	Wavelength	nm	1528~1563	1570~1610
	Insertion loss	dB		≤0.6
	Isolation	dB		≥12
Flatness		dB		≤0.4
TTL		dB/°C		≤0.007
Directivity		dB		≥50
Return loss		dB		≥45
PDL		dB		≤0.10
PMD		ps		≤0.10
Power handing		mW		≤300
Operation temperature		°C		-10~+65
Storage temperature		°C		-40~+85
Package		mm	A: Φ5.5×34(Φ0.25mm bare fiber), B: Φ5.5×48(Φ0.9mm loose tube)	

Note: All insertion loss referenced without connector.

## Ordering information

WDM	TF	C/L				
1: Short wavelength 2: Long wavelength			025: Φ 0.25mm(for package A) 09: Φ 0.9mm(for package B)	1:1.0m customer specify	00:no connector FC,SC,LC,MU/PC,UPC,APC	
Passband			Fiber Dia.	Fiber length	Connector	