

TFF Wavelength Division Multiplexer

ACCELINK TECHNOLOGIES CO.,LTD.



Accelink's WDMs are based on thin film filter technology. They 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

- Long haul/Metro/Access/ FTTH
- Fiber CATV
- Optical amplifier

Specifications

Parameter		Unit	Value						
Wavelength	Type1	Passband	nm	1310/1550	1550/1480	1510/1550	1625/1550	1310/1625	1310+1490/1550
		Reflective band	nm	1270~1350	1528~1563	1500~1520	1615~1635	1270~1350	1270~1350,1480~1500
	Type2	Passband	nm	1528~1563	1470~1490	1528~1563	1528~1563	1615~1635	1528~1563
		Reflective band	nm	1270~1350	1528~1563	1500~1520	1615~1635	1270~1350	1270~1350,1480~1500
Insertion Loss	Pass channel	dB	≤1.0						
	Reflective channel	dB	≤0.6						
Isolation	Pass channel	dB	≥35						
	Reflective channel	dB	≥15						
Flatness			≤0.4						
TDL		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				
1:1310/1550nm 2:1480/1550nm 3:1510/1550nm 4:1625/1550nm 5:1310/1625nm 6:1310+1490/1550nm	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	
Wavelength	Passband	Fiber Dia.	Fiber length	Connector	