



Band Pass/ Edge Pass Filters

AC Photonics' Micro-Optics WDM utilizes thin film coating technology and proprietary design of non-flux metal bonding micro optics packaging. It provides low insertion loss, high channel isolation, low temperature sensitivity and epoxy free optical path. All AC Photonics' products are Telcordia qualification tested.



Features

- Wide Operating Wavelength Range
- Low Insertion Loss
- Flat Spectral Gain
- High Stability and Reliability
- Epoxy Free Optical Path

Applications

- DWDM Systems

Performance Specifications

Parameter	Band Pass	Edge Pass
Pass Channel Wavelength Range (nm)	1570 ~ 1609	1528 ~ 1565
Reflect Channel Wavelength (nm)	1400 ~ 1560 + 1615 ~ 1640	1450 ~ 1490
Insertion Loss (dB)	0.6 Max (0.4typ.)	
Insertion Loss Varization(dB)	≤0.25	
PDL (dB)	≤0.1	
Rejection Wavelength Isolation (dB)	≥25	
ReturnLoss(dB)	≥55	
Power Handling (mW)	500	
Operating Temperature (°C)	0 ~+70	
Storage Temperature (°C)	-40 ~+85	
Dimensions (mm)	Φ5.5xL34 (L38)*	

*L38 for 900 um Jacket



Ordering Information

<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	Wavelength	Pigtail Style	Fiber Length	In/Out Connector
BP=Band Pass EP=Edge Pass	CS=C Band 1550 nm pass SC=S Band 1480 nm pass LC=L Band 1585 nm pass XX=Custom Design	1=Bare Fiber 2=900um Jacket	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC

Dimensions

