



## Band Pass/Edge pass Filter

ACP's 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.

### PERFORMANCE SPECIFICATIONS

Parameter	Specifications	
	Band Pass	Edge Pass
Type		
Wavelength Range (Pass Channel)	1570 to 1609nm	1528 to 1565nm
Wavelength Range (Reflect Channel)	1400 to 1560 +1615 to 1640nm	1450 to 1490nm
Insertion Loss (Pass Channel)	≤ 0.60dB	
Insertion Loss (Reflect Channel)	≤ 0.40dB	
Insertion Loss Variation	≤ 0.25dB	
Rejection Channel Isolation	≥ 25dB	
Polarization Dependent Loss	≤0.10dB	
Return Loss	≥ 50dB	
Optical Power	≤ 500mW	
Operating Temperature	0 to +70°C	
Storage Temperature	- 40 to +85°C	
Package Dimensions	A= Standard, Φ5.5xL34 (250um fiber) Φ5.5xL38 (900um fiber)	

All values referenced are without connector.

### FEATURES

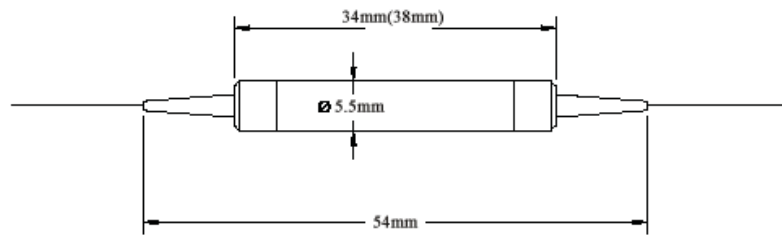
- Wide Operating Wavelength Range
- Low Insertion Loss
- Flat Spectral Gain
- High Stability and Reliability
- Epoxy Free Optical Path

### APPLICATION

- DWDM System

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### MECHANICAL DIMENSIONS



### PORT CONFIGURATIONS



### ORDERING INFORMATION

Type	Operating Wavelength	Port	Package	Fiber Type*	Pigtail Style	Fiber Length	In Connector	Out Connector
BP=Band pass	CS= C band 1550nm pass	102=1x2	A= A package	2=SMF-28 Ultra (G.657.A1)	1=Bare fiber	05=0.5m	0= None	0= None
EP=Edge pass	LS= L band 1585nm pass			3=ClearCurve ZBL(G.657.B3)	2=900um loose tube	10=1.0m	1= FC/APC	1= FC/APC
						·	2= FC/PC	2= FC/PC
						·	3= SC/APC	3= SC/APC
						·	4= SC/PC	4= SC/PC
						20=2.0m	5= ST	5= ST
							6= LC/UPC	6= LC/UPC
							7= LC/APC	7= LC/APC

\*1=SMF-28(G.652) is available upon request.