

Band Pass / Edge Pass Filters



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.

Key Features

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

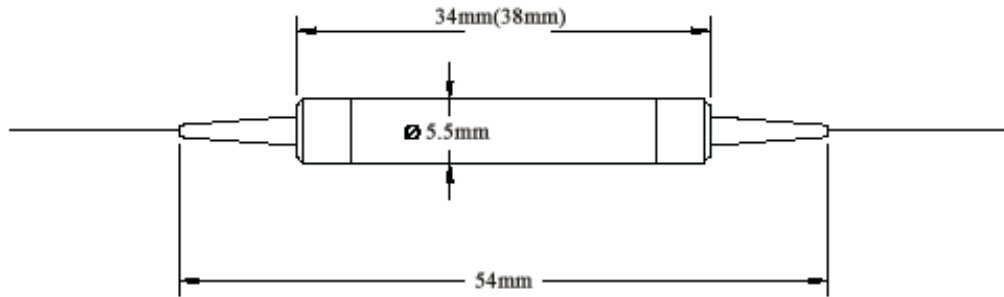
Applications

- DWDM System

Performance Specifications

Parameter	Specifications	
	Band Pass	Edge Pass
Pass Channel Wavelength Range	1570nm to 1609nm	1528nm to 1565nm
Reflect Channel Wavelength Range	1400nm to 1560nm + 1615nm to 1640nm	1450nm to 1490nm
Insertion Loss	≤ 0.6dB (Max.); ≤ 0.4dB (Typ.)	
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	Ø5.5 x L34mm (L38 for 900um)	

Mechanical Dimensions



Ordering Information

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	Wavelength	Pigtail Style	Fiber Length	In/Out Connector
BP = Band Pass EP = Edge Pass	CS = C Band 1550 pass SC = S Band 1480 pass LC = L Band 1585 pass XX = Custom Design	1 = Bare Fiber 2 = 900um Jacket	1 = 1.0m 2 = 2.0m	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC