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.

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)	

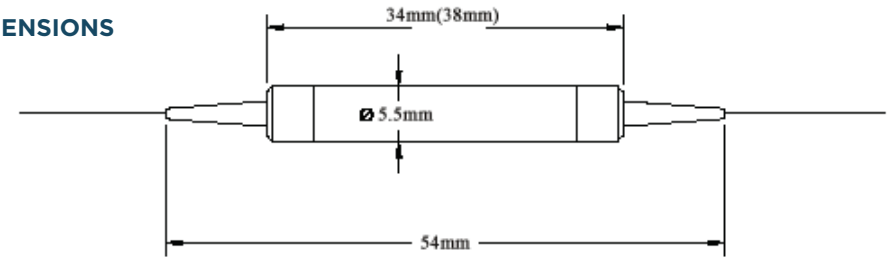
FEATURES

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

APPLICATION

DWDM System

MECHANICAL DIMENSIONS



ORDERING INFORMATION

	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