



# Singlemode EDFA WDMs 980/1550nm, 980/1310nm, and 1480/1550nm



## Features

- Low Insertion Loss
- High Isolation

## Applications

- Erbium Doped Fiber Amplifiers (EDFA)

## Performance Specifications

Type	980/1550nm WDM			980/1310nm WDM	1480/1550nm WDM	
	S	P	A	P	P	A
Grade						
Max. Insertion Loss (dB)	0.15	0.20	0.30	0.3	0.3	0.4
Isolation (dB)	≥20			≥18	≥15	≥13
PDL(dB)	≤0.05			≤0.05	≤0.1	≤0.1
Operating Wavelength (nm)	980±10/1550±15			980/1310±20	1480/1550±5	
Directivity (dB)	≥60					
Operating Temperature(°C )	-10 ~ +70 (-40 ~ +85 available upon request)					
Storage Temperature(°C )	-40 ~ +85					
Fiber Type	Corning HI 1060 or CS980			Corning HI 1060 or CS980	Corning SMF-28	
Fiber Pigtail Length (m)	1m or custom length					
Port Configuration	1x2 or 2x2					
Dimensions (mm)	A, B, C					

Note: All values referenced are without connector



## Ordering Information

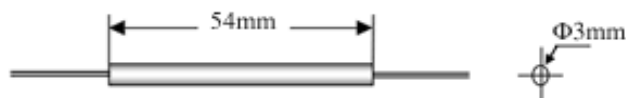
D	□	□ □	00	□ □ □ □	□	□	□	□ □
	Grade	Wavelength		Port	Package	Pigtail Style	Fiber Type	In/Out Connector
	S P A	93=980/1310nm 95=980/1550nm 45=1480/1550nm	00=Standard	0102=1x2 0202=2x2	A=Package A B=Package B C=Package C	1=Bare Fiber 2=900um Jacket 3=3mm Cable	0=SMF-28 1=Corning HI 1060 2=CS 980 3=HI 1060 Flex S=Special	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC/UPC 7=LC/APC X=Special

\* **Type:** D -- Singlemode wavelength division multiplexer

## Dimensions & Pigtail Style

### Package Dimensions:

Package A:  
3mm x 54mm stainless steel tube



Package B:  
3mm x 60mm stainless steel tube



Package C:  
8.5mm x 14mm x 98mm case



### Pigtail Style:

Package A: 250um bare fiber  
 Package B: 250um bare fiber or 900um loose tube  
 Package C: 3mm cable or 900um loose tube

