



## Singlemode 980/1550nm WDM (With Dissimilar Fibers)



### Features

- Low Insertion Loss
- High Isolation
- Compact Size
- Minimal Splice Loss

### Applications

- Long-Haul Uni and Bi-Directional Telecommunications System
- Digital, Hybrid and AM-Video Systems
- High-Speed Multi-Wavelength Systems
- EDFAs

## Performance Specifications

Parameter		Specification	
Operating Wavelength (nm)		970-990/1525-1565	
Grade		P	A
Insertion Loss (Max.) (dB)	@970nm-990nm	0.15	0.20
	@1525nm-1565nm	0.20	0.30
Isolation (Min.) (dB)		≥20	≥20
Polarization Dependent Loss (Min.) (dB)		≤0.1	
Return Loss (Min.) (dB)		≥55	
Directivity (dB)		≥60	
Operating Temperature (°C)		-10 ~ +70 (-40 ~ +85 available upon request)	
Storage Temperature (°C)		-40 ~ +85	
Optical Power (mW)		500	
Tensile Load (N)		5	
Fiber Type		See Ordering Information	
Pigtail Type		See Ordering Information	
Fiber Pigtail Length (m)		1m or custom request	
Port Configuration		1x2	
Dimensions (mm)		A,B,C	

Note: All values referenced are without connector

## Ordering Information

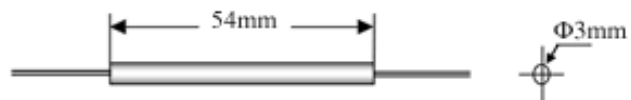
DS	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	Grade	Wavelength	Type	Port	Package	Pigtail Style	Fiber Type	In/Out Connector
	P A	95=980/1550nm	00=Standard	0102=1x2	A=PackageA B=PackageB C=PackageC	1=Bare Fiber 2=900um Jacket 3=3mm Cable	4=HI-980/SMF-28 5=HI1060/SMF-28 6=HI1060 Flex/SMF-28 S=Special	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC X=Special

DS -- Singlemode wavelength division multiplexer, with dissimilar fibers

## 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

