



# Singlemode 1310/1550nm WDM



### Features

- Low Insertion Loss
- High Isolation
- Compact Size
- Top Quality-Price Ratio

### Applications

- Long-Haul Single and Bi-directional Telecommunications System
- Digital, Hybrid and Am-Video Systems
- High-Speed Multi-Wavelength Systems
- CATV Links & Fiber Sensors

## Performance Specifications

Type	WA		WB	WC
	P	A	P	P
Grade	P	A	P	P
Max. Insertion Loss (dB)	0.3	0.4	0.7	1.2
Isolation (dB)	≥ 17	≥ 16	≥ 34	≥ 45
PDL(dB)	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.15
Operating Wavelength (nm)	1295~1325/1528~1565			
Directivity (dB)	≥ 60			
Operating Temperature(° C )	-10 ~ +70 (-40 ~ +85 available upon request)			
Storage Temperature(° C )	-40 ~ +85			
Fiber Type	Corning singlemode SMF-28			
Fiber Pigtail Length (m)	1 m or custom on request			
Port Configuration	1x2 or 2x2			
Dimensions (mm)	A, B, C		S, D	D

Note: All values referenced are without connector

## Ordering Information

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	Grade	Wavelength	Type	Port	Package	Pigtail Style	Fiber Type	In/Out Connector
	P A	35=1310/1550nm	WA = Type A WDM WB = Type B WDM WC = Type C WDM	0102=1x2 0202=2x2	A=Package A B=Package B C=Package C D=Package D S=Package S	1=Bare Fiber 2=900um Jacket 3=3mm Cable	0=SMF-28	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

Package D:  
11.6mm x 80mm x 120mm case

Package S:  
9.2mm x 50.88mm x 88.9mm 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

Package D, S: 3mm cable or 900um loose tube

