

1310/1550nm Singlemode WDMs



Key Features

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

Applications

- Long-Haul Uni and Bi-Directional Telecommunications System
- Digital, Hybrid and Am-video Systems
- High-Speed Multi-Wavelength Systems
- CATV Links & Fiber Sensors

Performance Specifications

Parameter	Specifications			
	WA		WB	WC
Type				
Operating Wavelength	1295nm - 1325nm / 1528nm - 1565nm			
Grade	P	A	P	P
Insertion Loss (Max.)	0.3dB	0.4dB	0.7dB	1.2dB
Isolation (Min.)	≥ 17dB	≥ 16dB	≥ 34dB	≥ 45dB
PDL	≤ 1.0dB	≤ 1.0dB	≤ 1.0dB	≤ 1.5dB
Return Loss	≥ 55dB			
Directivity	≥ 60dB			
Operating Temperature	-10 to +70°C (-40 to +85°C available upon request)			
Storage Temperature	-40 to +85°C			
Fiber Type	Corning singlemode SMF-28			
Fiber Pigtail Length	1m or custom length			
Port Configuration	1x2 or 2x2			
Package Dimensions	Package A, B, C, D		Package S, D	Package D

Note:

All values referenced are without connector.

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

Ordering Information

Type*	Grade	Wavelength	Coupling Ratio or Attenuation (dB)	Port	Package	Pigtail Style	Fiber Type	In/Out Connector
D	P = P Grade A = A Grade	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