

## ***Product Bulletin***



The 1310/1550 nm WDM is a compact fused component that provides bidirectional communication or wavelength duplexing on a single fiber. The 1310/1625 nm and the 1550/1625 nm WDM, also compact fused components, accommodate a 1625 nm supervisory wavelength in 1310 or 1550 nm systems. The WDMs are designed for use in telecommunications equipment and instrumentation. They use advanced fused-fiber technology to yield ultra-low insertion loss, low polarization dependent loss (PDL), and low wavelength dependence in a compact package.

### **Fused Wavelength Division Multiplexers**

#### **Key Features**

- Ultra-low signal loss
- Consistent wavelength dependence
- Low PDL

#### **Applications**

- 2 channel WDM
- Supervisory wavelength add and drop

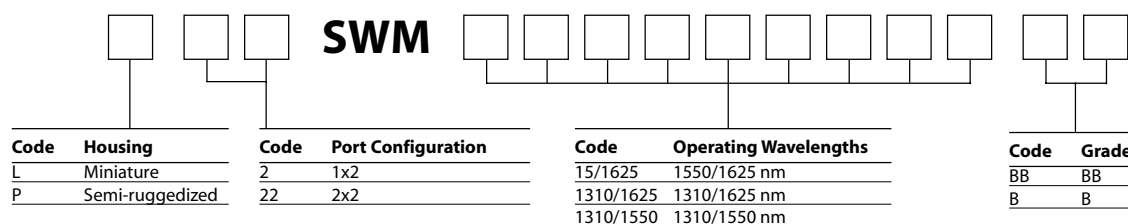
## Specifications

Parameter	Fused Wavelength Division Multiplexers					
Operating wavelengths	1550/1625 nm		1310/1625 nm		1310/1550 nm	
Bandwidth (centerd on operating wavelengths)	±5 nm		±15 nm		±20 nm	
Grade	BB	B	BB	B	BB	B
Maximum insertion loss	0.3 dB	0.5 dB	0.3 dB	0.5 dB	0.3 dB	0.5 dB
Isolation	14 dB	12 dB	17 dB	15 dB	15 dB	14 dB
Return loss/directivity	55 dB					
Polarization dependent loss	0.1 dB					
Fiber	Corning SMF-28					
Dimensions	L-type Ø 3.0 x 55 mm P-type Ø 5.0 x 80 mm					
Pigtail length	>1000 mm					

## Ordering Information

Indicate your requirements by selecting one option from each configuration table. Please print the corresponding codes in the available boxes to form your part number. For more information on this or other products and their availability, please contact your JDS Uniphase account manager, or call 1-877-550-JDSU toll free in North America, or visit [www.jdsuniphase.com](http://www.jdsuniphase.com).

**Sample: P2SWM15/1625BB**



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