

Product Bulletin

Wavelength Division Multiplexers

The 1310/1550 nm WDM is a compact fused component which provides bidirectional communication or wavelength duplexing on a single fiber. The 1310/1625 or 1550/1625 nm WDM is a compact fused component which allows the use of a 1625 nm supervisory wavelength in 1310 or 1550 nm systems respectively. The WDMs are designed for use in telecommunications equipment and instrumentation. They utilise advanced fused fiber technology to yield ultra-low insertion loss, low PDL and low wavelength dependence in a compact package.

Key Features

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

Applications

- 2 channel WDM
- Supervisory wavelength add and drop

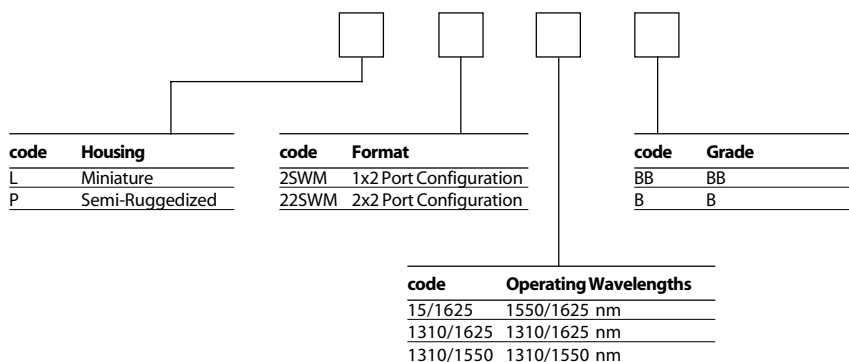
Specifications

Parameter	Wavelength Division Multiplexers						Unit
Operating Wavelengths	1550/1625		1310/1625		1310/1550		nm
Bandwidth (centred on operating wavelengths)	+/-5		+/-15		+/-20		nm
Grade	BB	B	BB	B	BB	B	
Maximum Insertion Loss	0.3	0.5	0.3	0.5	0.3	0.5	dB
Isolation	14	12	17	15	15	14	dB
Return Loss / Directivity	55						dB
PDL	0.1						dB
Fiber	Corning SMF-28						
Size	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 local JDS Uniphase sales representative or JDS Uniphase directly at 44 1803 407800, or by fax 44 1803 407786, or via email at sifam@uk.jdsuniphase.com, or visit our Web site at www.jdsuniphase.com.

Sample: P2SWM15/1625BB



JDS Uniphase Corporation
Woodland Road
Torquay, Devon
TQ2 7AY UK

Tel 44 1803 407800
Fax 44 1803 407786
sifam@uk.jdsuniphase.com
www.jdsuniphase.com

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