



Features and Benefits

- Low loss
- Proven reliability
- Cost effective alternative to filter-based WDMs
- Available in miniature, semi-ruggedized and fully ruggedized housings

Applications

- Telecommunications equipment
- Instrumentation

Wavelength Division Multiplexers



1x2, 2x2 ports, 1310/1550nm/ 1310/1625 nm, 1550/1625nm operation

SIFAM's 1310/1550nm WDM enables bi-directional communication or wavelength duplexing on a single fiber. The 1310/1625 or 1550/1625 components allow the use of a 1625nm supervisory wavelength in 1310 or 1550nm systems only.

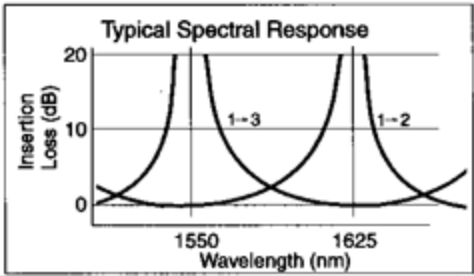
SPECIFICATIONS

Optical Specifications						
Operating Wavelength (nm)	1550 1625		1310/1625		1310/1550	
Bandwidth (centered on operating wavelengths) (nm)	±5		±15		±20	
Grade	BB	B	BB	B	BB	B
Max. Insertion Loss (dB)	0.3	0.5	0.3	0.5	0.3	0.5
Isolation (dB)	14	12	17	15	15	14
Directivity	55		55		55	
PDL (dB)	.01		0.1		0.1	
Return Loss (dB)	55		55		55	

ORDERING INFORMATION

Ordering Codes		
Type	1 x 2	2 x 2
Miniature Housing	L	L
Semi-Ruggedized Housing	P	P
Format Code	2SWM	22SWM
Operating Wavelengths 1550/1625	15/1625	15/1625
Operating Wavelengths 1310/1550	1310/1550	1310/1550
Insertion Loss Grade 0.3 dB	BB	BB
Insertion Loss Grade 0.5 dB	B	B

P	2SWM	15/1625	BB
Housing Code	Format Code	Operating Wavelength	Grade



FOR ADDITIONAL INFORMATION ON THIS OR OTHER PRODUCTS AND THEIR AVAILABILITY, PLEASE CONTACT FIBER OPTIC CENTER, INC.