

Features and Benefits

- High attenuation tolerance
- Environmentally stable
- Single wavelength, Wavelength flattened and Wideband
- Available in miniature, semi-ruggedized, and fully ruggedized housings
- Manufactured using Optical Fibres SM-02R fiber and supplied with 1m pigtails
- Other fiber types and fixed attenuations from 1 dB to 20 dB available upon request. Call Fiber Optic Center for details.

Applications

- Telecommunications
- Passive telephony or CATV networks
- Test equipment

Fixed Attenuators



1x1 port, 1300/1550nm operation

SIFAM's Single Wavelength Attenuators give optimum performance at 1300 or 1550nm, or another specified custom wavelength. Wavelength Flattened Attenuators offer the same performance over a wavelength band within the 1300 or 1550nm windows. Wideband Attenuators perform this function over both the 1300 and 1550 windows.

SPECIFICATIONS

OPTICAL SPECIFICATIONS

	Single Wavelength						
Operating Wavelength (nm)	1300 or 1550						
Attenuation (dB)	1	2	3	5	10	15	20
Attenuation Tolerance $\pm$ (dB)	0.2	0.2	0.3	0.3	0.7	1.1	1.6
Return Loss (dB)	50						

	Wavelength Flattened Wideband						
Operating Wavelength (nm)	1300 $\pm$ 20 or 1550 $\pm$ 20						
Attenuation (dB)	1	2	3	5	10	15	20
Attenuation Tolerance $\pm$ (dB)	0.2	0.3	0.3	0.5	1.0	1.5	2.0
Return Loss (dB)	50						

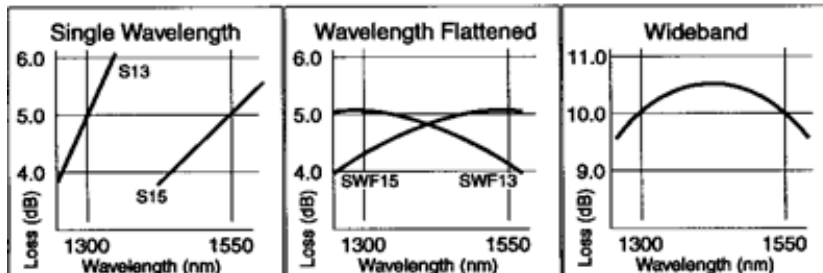
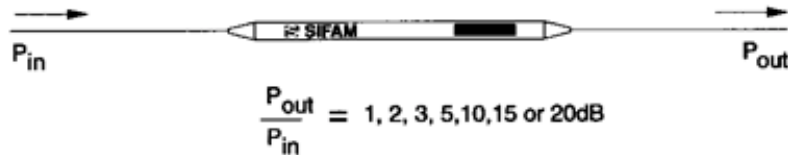
	Operating Wavelengths (nm)						
Operating Wavelength (nm)	1300 $\pm$ 20 and 1550 $\pm$ 20						
Attenuation (dB)	1	2	3	5	10	15	20
Attenuation Tolerance $\pm$ (dB)	0.3	0.4	0.5	0.8	1.4	2.0	3.0
Return Loss (dB)	50						

ORDERING INFORMATION

Ordering Codes

Miniature Housing	L
Semi-Ruggedized Housing	P
Fully Ruggedized Housing	R
Single Wavelength Format Code	SA
Wavelength Flattened Format Code	SAWF
Wideband Format Code	SAWB
Operating Wavelength 1300 nm	13
Operating Wavelength 1550 nm	15
Operating Wavelength 1300/1550 nm	13/15
Attenuation 1 dB	A01
Attenuation 2 dB	A02
Attenuation 3 dB	A03
Attenuation 5 dB	A05
Attenuation 10 dB	A10
Attenuation 15 dB	A15
Attenuation 20 dB	A20

R	SAWB	13/15	A03
Housing Code	Format Code	Operating Wavelength	Grade



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