

ATTENUATORS (Doped Fiber)

SENKO fiber optic attenuators feature a proprietary type of metal-ion doped fiber which reduces the light signal as it passes through, providing the highest performance in the 1310, C and L Bands. These quality attenuators are capable of withstanding over 1W of high power light exposure for extended periods of time. They provide excellent optical characteristics including Low Polarization Dependent Loss (PDL) and stable and independent wavelength distribution. Connector styles include SC, FC, ST, LC and MU.

APPLICATIONS

- EDFA
- DWDM
- Long-haul
- Wide-Area Networks
- Metro
- High power

FEATURES

- Metal-ion doped fiber (continuous)
- High durability
- Wavelength independence
- Attenuation levels ranging from 1dB to 30dB
- 1310nm, 1550nm, 1250-1625nm and 1350/1550nm dual wave lengths
- Custom configurations

SPECIFICATIONS

Return Loss	≥ 50dB (SPC) ≥ 55dB (UPC) ≥ 65dB (APC)
Attenuation Tolerance	≤ 5dB : ± 0.5, 6 to 25dB : ±10% Standard ≤ 5dB : 1 to 10dB : ± 0.5, 11 to 25 dB : ±5% Premium For ST and MU is offered only Standard
Operational Wavelengths	1310nm (± 10nm) 1550nm (± 10nm) 1310 and 1550nm (± 10nm)
Operating Temperature	-40 to +75°C

Specifications shown above were obtained using SENKO recommended products and procedures.

ORDER CODE (DOPED FIBER ATTENUATORS)

CODE	TYPE	WAVELENGTH	ATTENUATION LEVEL	ATTENUATION TOLERANCE	
ATN	04	SC APC	12 1310 nm	01 1dB	0 Standard 1 Premium
	05	FC APC	22 1550 nm	02 2dB	
	06	SC UPC	32 Dual Wave Length (1310/1550)	03 3dB	
	07	FC UPC		04 4dB	
	08	ST UPC		05 5dB	
	11	LC SPC		06 6dB	
	13	MU SPC		07 7dB	
	14	MU UPC		08 8dB	
	15	LC UPC		09 9dB	
				10 10dB	
				12 12dB	
				15 15dB	
				20 20dB	
				25 25dB	

Custom configurations available upon request.



FC Attenuator



SC Attenuator



LC Attenuator



MU Attenuator



ST Attenuator

Specifications may change without notice.

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