

# PREMIUM ATTENUATORS

SENKO's Premium Attenuators are GR 910 certified by Expor Laboratories (SC APC and LC UPC). The Premium Attenuator passed all required mechanical testing including the extended life 5,000 hour environmental testing, and the solid body LC Attenuator has a stronger

design for greater mechanical strength. The Compact LC Housing reduces the overall length, while the wavelength independent premium fiber allows a wide range of usage including existing PON Network.



SC Attenuator



SC APC Attenuator



FC Attenuator



FC APC Attenuator



ST Attenuator



LC Attenuator



MU Attenuator

## SPECIFICATION

### For Attenuators

<b>Return Loss</b>	≥ 55dB (UPC) ≥ 65dB (APC)
<b>Attenuation Tolerance</b>	1 to 10dB : ±0.5, 11 to 30 dB : ±5% (for 3 wavelength)
<b>Operational Wavelengths</b>	1310 ± 40nm, 1490 ± 20nm, 1550 ± 40nm
<b>Operating Temperature</b>	-40 to +75°C
<b>Maximum Power</b>	500mw

Note: For full wavelength type (1270 ~ 1650) Attenuation tolerance will be 1db to 10db 0.7db and 11db to 30db ±10%.

CODE		TYPE	ATTENUATOR LEVEL		ATTENUATOR TOLERANCE	
ATN	Dope Fiber Attenuators	432 SC / APC	01	1dB	1	Premium
		532 FC / APC	02	2dB		
		632 SC / UPC	03	3dB		
		732 FC / UPC	04	4dB		
		832 ST / UPC	05	5dB		
		1432 MU / UPC	06	6dB		
		1532 LC / UPC	07	7dB		
		1732 LC/APC	08	8dB		
			09	9dB		
			10	10dB		
			12	12dB		
			15	15dB		
			20	20dB		
			25	25dB		

ATN - 632 - 04 - 1 ORDER CODE example

Note: Custom configurations available upon request

### Features:

- SC and LC GR910 Certified
- Dope Fiber Technology
- Wide Operating Wavelength (1270 ~ 1650)
- Low Back Reflection
- High Durability over High Power
- One piece housing construction including LC & MU for better side load performance
- Metal-ion doped fiber (continuous)
- Attenuation levels ranging from 1dB to 30dB