

OPTICAL FIBER ATTENUATORS



PRODUCT DETAILS

- GR-910 certified (SC APC & LC UPC) attenuators with proven reliability through 5,000-hour environmental testing and robust solid-body construction for enhanced mechanical strength.
- Advanced dope fiber technology with metal-ion doping ensures low back reflection, high durability under high power, and superior performance.
- Wide operating wavelength range (1270–1650 nm) with wavelength-independent performance, suitable for diverse applications including PON networks.
- Compact one-piece LC housing with improved side-load performance and attenuation range from 1 dB to 30 dB for flexible deployment.

TECHNICAL SPECIFICATIONS

CODE	Type	ATTENUATOR LEVEL	
ATN Dope Fiber Attenuators	SC / APC FC / APC SC / UPC FC / UPC ST / UPC NU / UPC LC / UPC LC / APC	01	1db
		02	2db
		03	3db
		04	4db
		05	5db
		06	6db
		07	7db
		08	8db
		09	9db
		10	10db
		11	11db
		12	12db
		15	15db
20	20db		
25	25db		

Return Loss	>=55dB (UPC)
	>=65dB (APC)
Attenuation Tolerance	1 to 10dB ±0.5; 11 to 30dB ±5% (for 3 wavelength)
Operational Wavelength	1310 + 40nm, 1490 + 20nm, 1550 + 40nm
Operating Temperature	-40to + 75°C
Maximum Power	500MW

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