



All Systems Broadband is proud to announce the addition of fiber optic attenuators to our high-quality line of fiber optic products. Fiber optic attenuators are used to reduce optical power levels when too much light would overload fiber optic receivers. In order to achieve the best bit error ratio (BER), optical power must be maintained within the dynamic range of the receiver. All Systems Broadband fiber optic attenuators fit this requirement perfectly.

Attenuators are like sunglasses, they absorb extra light energy and thus protect fiber optic receivers from being overloaded. They have a working wavelength range in which light energy is absorbed equally. The light power used in fiber optic communications is fairly low and can be absorbed without noticeable damage to the attenuator itself.

Commonly known as a bulkhead connector, these Attenuators have 1 male and 1 female end and have an actual operational wavelength between 1200 - 1600nm.



FIBER OPTIC ATTENUATORS

SPECIFICATIONS

- Operation Wavelength:** 1200-1600nm
- Attenuator Value:** 1-10, 15, 20 dB
- Attenuator Precision:** +/- 0.5 (attenuation<10) dB
+/- 1.0 (attenuation>10) dB
- Maximum PDL:** 0.1 dB
- Return Loss:** UPC ≤ -55dB
APC ≤ -65dB
- Operating Temperature:** -40~ +75°C / -40~ +167°F
- Storage Temperature:** -40~ +75°C / -40~ +167°F

LC, SC, ST, FC, UPC & APC available.

CONFIGURATION GENERATOR

ASB64MF - AA BBB CC

AA. CONNECTOR

- SC
- ST
- FC
- LC

BBB. END FACE

- UPC
- APC

CC. DISCRETE dB VALUE

- | | |
|----------|-----------|
| 01 = 1dB | 07 = 7dB |
| 02 = 2db | 08 = 8dB |
| 03 = 3dB | 09 = 9dB |
| 04 = 4dB | 10 = 10dB |
| 05 = 5dB | 15 = 15dB |
| 06 = 6dB | 20 = 20dB |