

FCPC ATTENUATOR

Introduction



Attenuator is a passive optical component that is intended to reduce the optical power transmitted in the fibre.

Attenuator is generally used in fiber-optic transmission systems to reduce the optical power received by the detectors to a level that is within the dynamic range of the optical receiver.

features

- ✍ **Low insertion loss.**
- ✍ **Low back reflection loss.**
- ✍ **Easy to handle.**
- ✍ **Easy installation.**
- ✍ **Environmentally stable**

<u>S.No</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS - FCPC</u>
1	Fibre type	Single Mode Fibre
2	Wave Length Range	1200nm to 1600nm
3	Calibration Wave Length	1310 / 1550nm
4	Housing design	Square Flange
5	Return loss	Not applicable for Air-Gap*
6	Sleeve Material	Ceramic (Zirconia)
7	Connector Type	FCPC
8	Sleeve Type	Split Type
9	Housing Material	Brass with Nickel Plating
	• For other type of Attenuator, Return loss shall be provided as per standard requirement	