



HYC

Fixed Attenuator

LC Fixed Attenuator

Description

Our Ceramic Zirconia Ferrule sticks are manufactured Fiber optic attenuator is a device used to reduce the power level of an optical signal, either in free space or in an optical fiber. The basic types of optical attenuators are fixed, step-wise variable, and continuously variable.

Feature

- High return loss
- Simple structure
- Max operation power (0.5W)
- Low wavelength relativity
- Low polarization related loss
- Compact design

Application

- Fiber optical distributing frame
- Fiber optical network system
- Hi-speed fiber optical transmission system
- CATV system
- Long distance DWDM system
- Optical add-drop multiplexers(OADM)



Specification:

| Attenuation value | 1 3 5 10 15 20 25 dB |
|------------------------------|--|
| Attenuation precision | 1~9dB(± 0.5 dB) ≥ 10 dB($\pm 10\%$ dB) |
| Return Loss | PC>40dB APC>55dB |
| Operation wavelength | 1310nm and 1550nm(SM) |
| Polarization loss | ≤ 0.1 dB |
| Operation temperature | -40°C ~ +70°C |
| Temperature(Unencapsulation) | 95%RH Apply to Telecordia standard(GR-910-CORE) |