

# LC/UPC Male to Female Singlemod Fixed Fiber Attenuator

## DESCRIPTION

The LC fiber optic attenuator can provide a stable attenuation from 1 to 20dB at both 1310nm and 1550nm transmission windows. The plug type of this attenuator is male-to-female. Our LC fiber optic attenuator feature is excellent performance and is compliant with IEC 60869-1 and fully compatible with all LC connector and adaptors.

## FEATURES

- 0.5dB accuracy
- Attenuation on the housing
- RoHS compliance
- Humidity resistance

## APPLICATIONS

- CATV & Vedio security
- DFB Lazer
- Data center
- FTTH



## SPECIFICATIONS

| Characteristics          | Single mode (9/125um) |         |             |             |
|--------------------------|-----------------------|---------|-------------|-------------|
| Attenuator Range         | 1-20dB                |         |             |             |
| Operating Wavelength     | 860nm, 1310nm, 1550nm |         |             |             |
| Return Loss (PC/UPC/APC) | ≥45/55/65dB           |         |             |             |
| Attenuation Accuracy     |                       | 0-4dB   | 5-10dB      | 11-30dB     |
|                          | Standard              | X±0.5dB | X±(X*10%)dB | X±(X*10%)dB |
|                          | Premium               | X±0.3dB | X±0.5dB     | X±(X*5%)dB  |
| Operating Temperature    | -20~+75°C             |         |             |             |
| Storage Temperature      | -40~+75°C             |         |             |             |
| Mating Durability        | ≥1000 cycle           |         |             |             |