





LC TYPE Attenuator  
Product Specification  
(For External Use)

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Approved/Date	Checked/Date	Written/Date	
Tung 06/02/05'	~	WUJUN 06/02/05'	

1.0 Feature:

- Excellent Environmental Stability
- Attenuation Stability
- Excellent Return Loss
- Polarization Insensitive
- Easy Installation
- Telcordia GR-910-core Requirement

2.0 Applications:

- Telecommunications Systems
- Local Area Networks
- CATV
- Subscribe Loop
- Test Equipment
- Optical Fiber Sensors

3.0 Specification:

- Bandwidth: 1310 / 1550±40nm
- Insertion Loss:

Insertion Loss & Range (dB) FOR 1~30 dB	
Insertion Loss	Range
1~5dB	±0.75
6~10dB	±1.0
11~15dB	±15%
16~20dB	
>20dB	

- Return Loss: PC > 45 dB
- Temperature ranges and humidity:
  - Storage temperature -55°C to +80°C
  - Operating temperature -40°C to +75°C

4.0 Test Condition :

All tests shall be performed as bellow conditions unless otherwise specified.  
Temperature range : 23°C±2°C (73°F±4°F)  
Humidity range : less than 75% RH

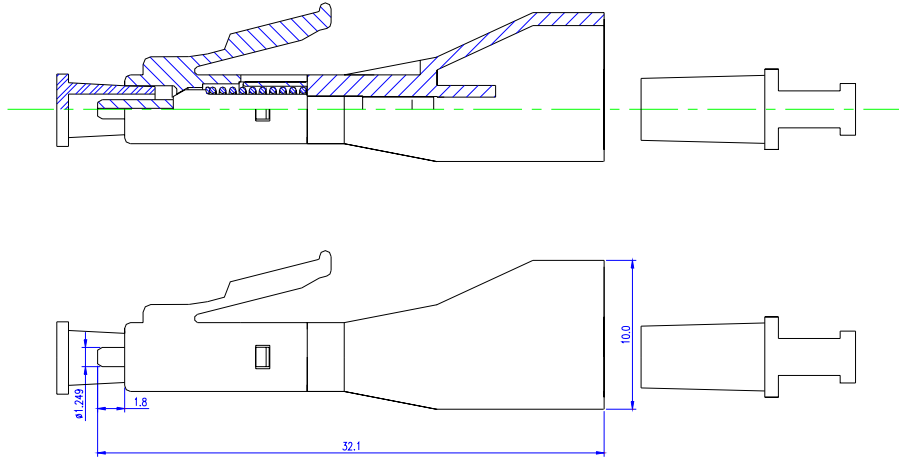
5.0 Optical Measurements

The requirement for the optical measurement facility are the following:

- Capability of measuring optical loss and reflectance at both 1310 nm and 1550 nm.
- Central wavelength of the sources: 1310±20 nm and 1550±20 nm.
- Spectral width of the sources: less then 75 nm.
- Accuracy in measurement of loss: ±0.05 dB.
- Accuracy in measurement of reflectance: ± 2 dB down to at least -60 dB.

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### 6.0 LC Attenuator:



### 7.0 Order Information:

