



# L Series Singlemode or Multimode LoopBack Attenuators and Adapters

*MaJoR Fiber Optics Singlemode and Multimode Loopback Attenuators and Adapters are an economical solution for test simulations, without the need for additional components and equipment. The Singlemode version is provided using Erbium doped fiber to prevent light scattering with tight Insertion Loss and Return Loss specifications.*

### Applications

- Test Equipment
- Labs
- Networks

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- Singlemode or Multimode SC or SFF LC Loopback Attenuators
- Optical performance 100% factory tested
- UPC and APC available for Singlemode
- Meets Telcordia GR-CORE 326 and 910

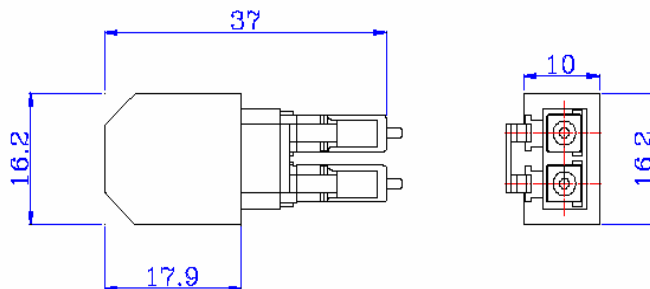
### Loopback Attenuator Specifications

Singlemode Attenuation	$\pm 0.50\text{dB}$ 1-10dB $\pm 10\%$ 11-20dB
Multimode Attenuation	$\pm 1.0\text{dB}$ 3-10dB $\pm 15\%$ 11-20dB
Singlemode Return Loss	$\geq 55\text{dB}$ UPC $\geq 65\text{dB}$ APC (SC only)
Multimode Return Loss	$\geq 35\text{dB}$
Durability	$<0.2\text{dB}$ —500 matings
Operating Temperature	$-40\sim+85^{\circ}\text{C}$

### Loopback Adapter Specifications

Singlemode Insertion Loss	$\leq 0.50\text{dB}$
Multimode Insertion Loss	$\leq 0.75\text{dB}$
Singlemode Return Loss	$\geq 55\text{dB}$ UPC $\geq 65\text{dB}$ APC (SC only)
Multimode Return Loss	$\geq 35\text{dB}$
Durability	$<0.2\text{dB}$ —500 matings
Operating Temperature	$-40\sim+85^{\circ}\text{C}$

### LC Loopback Package Dimensions (mm)

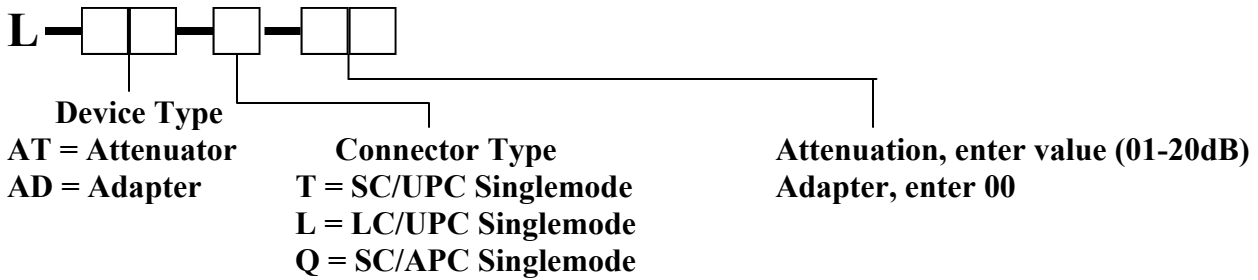




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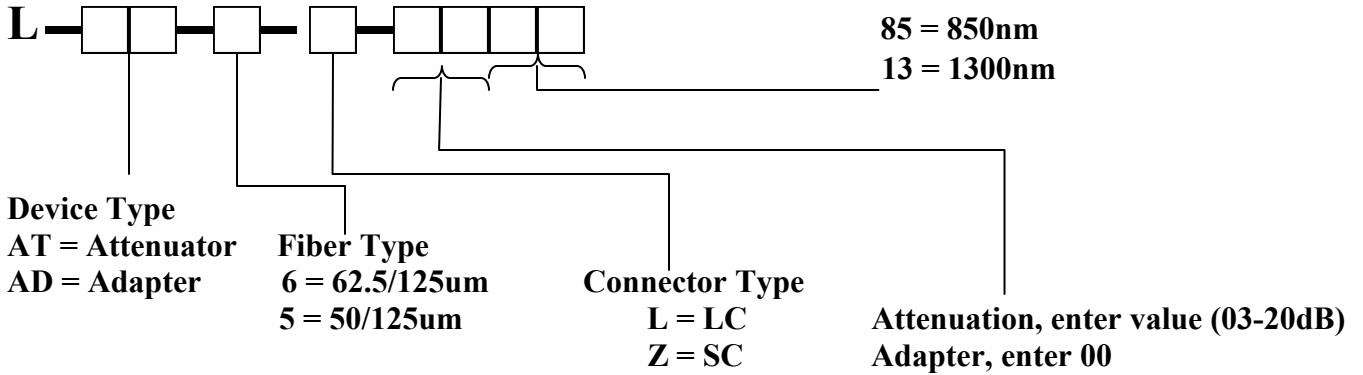
## Part Number Ordering Information

### Singlemode Attenuators/Adapters



Example: L-AT-T-10 = SC/UPC 10dB Loopback Attenuator

### Multimode Attenuators/Adapters



### SC Loopback Package Dimensions (mm)

