

# In-Line Optical Attenuators, Flat Wavelength, LC APC

LC APC, 3 dB

CORNING

Corning offers in-line, flat wavelength optical attenuators that are easily inserted between the connector and adapter in an “in-line” configuration and are compatible with SC, ST<sup>®</sup> compatible, FC, MU, LC and angled SC and FC connectors. A fundamental element of these Corning attenuators is the zirconia ferrule containing a specially selected attenuating fibre. This special fibre minimizes the effect of modal interference and gives the component a flat spectral response. It is extremely stable over the wavelength range of 1260 to 1360 nm and 1430 to 1580 nm. These in-line, flat wavelength attenuators are available in ultra PC ( $\leq$  -55 dB) and angled PC ( $\leq$  -65 dB) finish to meet the most demanding network reflectance requirements.

## Features and Benefits

### Fully compatible with LC fibre optic connectors

No intermateability concerns

### Numerical identification mark on housing

Easy indication of attenuation levels

### Attenuator incorporated inside standard LC adapter housings

Compatible with standard distribution panels

## Standards

**Design And Test Criteria** Telcordia GR-910 issue 2 performance requirements



Part Number: ATN-A12-03



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## Specifications

### General Specifications

|                 |             |
|-----------------|-------------|
| Attenuator type | In-Line     |
| Compatibility   | LC          |
| Packaging       | Single Pack |
| Product type    | Attenuators |

### Temperature Range

|           |                                    |
|-----------|------------------------------------|
| Operation | -25 °C to 70 °C (-13 °F to 158 °F) |
|-----------|------------------------------------|

### Design - Connector

|                  |           |
|------------------|-----------|
| Ferrule Material | Zirconia  |
| Housing material | Composite |
| Housing Colour   | green     |

### Optical Specifications - Connector

|                       |          |
|-----------------------|----------|
| Attenuation           | 3 dB     |
| Attenuation Tolerance | ± 0.5 dB |
| Insertion Loss        | 0.05 dB  |

### Chemical Characteristics

|      |   |
|------|---|
| RoHS | Free of hazardous substances according to RoHS 2011/65/EU |
|------|---|

## Ordering Information

|                     |  |
|---------------------|--|
| Part Number         | ATN-A12-03   |
| Product Description | LC APC In-Line Optical Attenuator, Flat Wavelength |
| EAN Code            | 4056418195285                                      |

# In-Line Optical Attenuators, Flat Wavelength, LC APC

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## Shipping Information

|                    |                    |
|--------------------|--------------------|
| Units Per Delivery | 1/1                |
| Package Contents   | Attenuator, LC APC |



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