

# In-Line Optical Attenuators, Flat Wavelength, ST<sup>®</sup> Compatible UPC

ST<sup>®</sup> Compatible UPC, 10 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 fiber. This special fiber 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 ST<sup>®</sup> Compatible fiber optic connectors**

No intermateability concerns

**Numerical identification mark on housing**

Easy indication of attenuation levels

**Attenuator incorporated inside standard ST<sup>®</sup> Compatible adapter housings**

Compatible with standard distribution panels

## Standards

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



Part Number: ATN-61-10



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## Specifications

### General Specifications

|                 |                            |
|-----------------|----------------------------|
| Attenuator Type | In-Line                    |
| Compatibility   | ST <sup>®</sup> Compatible |
| 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 | Metal    |
| Housing Color    | Metal    |

### Optical Specifications - Connector

|                       |        |
|-----------------------|--------|
| Attenuation           | 10 dB  |
| Attenuation Tolerance | ± 1 dB |
| Insertion Loss        | 1 dB   |

### Chemical Characteristics

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

## Ordering Information

|                     |  |
|---------------------|--|
| Part Number         | ATN-61-10  |
| Product Description | ST <sup>®</sup> Compatible UPC In-Line Optical Attenuator, Flat Wavelength |
| EAN Code            | 4042673802501  |

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## Shipping Information

|                    |  |
|--------------------|--|
| Units per Delivery | 1/1                                    |
| Package Contents   | Attenuator, ST <sup>®</sup> Compatible |



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