

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

ST<sup>®</sup> Compatible UPC, 18 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 ST<sup>®</sup> Compatible fibre 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



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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)
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### Design - Connector

Ferrule Material	Zirconia
Housing material	Metal
Housing Colour	Metal

### Optical Specifications - Connector

Attenuation	18 dB
Attenuation Tolerance	± 1.8 dB
Insertion Loss	1.8 dB

### Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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## Ordering Information

Part Number	ATN-61-18
Product Description	ST <sup>®</sup> Compatible UPC In-Line Optical Attenuator, Flat Wavelength
EAN Code	4056418156651

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## Shipping Information

Units Per Delivery	1/1
Package Contents	Attenuator, ST <sup>®</sup> Compatible



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