

# In-Line Optical Attenuators, Flat Wavelength, FC UPC

FC UPC, 5 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 FC fiber optic connectors**  
No intermateability concerns

**Numerical identification mark on housing**  
Easy indication of attenuation levels

**Attenuator incorporated inside standard FC adapter housings**  
Compatible with standard distribution panels

## Standards

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



Part Number: ATN-54-05



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## Specifications

### General Specifications

Attenuator Type	In-Line
Compatibility	FC
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 Color	Metal

### Optical Specifications - Connector

Attenuation	5 dB
Attenuation Tolerance	± 0.5 dB
Insertion Loss	0.05 dB

### Chemical Characteristics

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

Part Number	ATN-54-05
Product Description	FC UPC In-Line Optical Attenuator, Flat Wavelength
EAN Code	4042673806370

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## Shipping Information

Units per Delivery	1/1
Package Contents	Attenuator, FC UPC



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