

In-Line Optical Attenuators, Flat Wavelength, FC UPC

FC UPC, 18 dB

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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[®] 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-54-18



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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	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-54-18
Product Description	FC UPC In-Line Optical Attenuator, Flat Wavelength
EAN Code	4042673732143

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Shipping Information

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



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