

# Fiber Optic Filter Attenuators, ST<sup>®</sup> Compatible, Flanged

ST<sup>®</sup> Compatible, Flanged, 5 dB

CORNING

Corning FC fiber optic filter attenuators incorporate absorption filters in the center of the adapter housings. In use, the filters are interposed between the end faces of mating plugs. Attenuation values from 5 to 20 dB are available in 5 dB increments. Each dB value is numerically marked for easy identification.

## 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



Part Number: 4059950

## Specifications

General Specifications	
Attenuator Type	Filter
Compatibility	ST <sup>®</sup> Compatible
Packaging	Single Pack
Product Type	Attenuators

Temperature Range	
Operation	-20 °C to 70 °C (-4 °F to 158 °F)

Design - Connector	
Housing Material	Metal

Mechanical Specifications - Connector	
Durability	> 1000 matings without significant variation
Weight	0.4 g

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## Optical Specifications - Connector

Attenuation at 1300 nm Operating Wavelength	5 dB
Attenuation at 1550 nm Operating Wavelength	4.3 dB
Attenuation at 820 nm Operating Wavelength	6.6 dB
Attenuation at 632 nm Operating Wavelength	7.5 dB
Attenuation Tolerance at 1300 nm	+/- 1.5 dB
Attenuation Tolerance at 1550 nm	+/- 1.5 dB
Reflectance	-15 dB
Reflectance, Typical	-17 dB

## Chemical Characteristics

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

Part Number	4059950
Product Description	ST <sup>®</sup> Compatible Fiber Optic Filter Attenuators, Flanged
EAN Code	4056418197005

## Shipping Information

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



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