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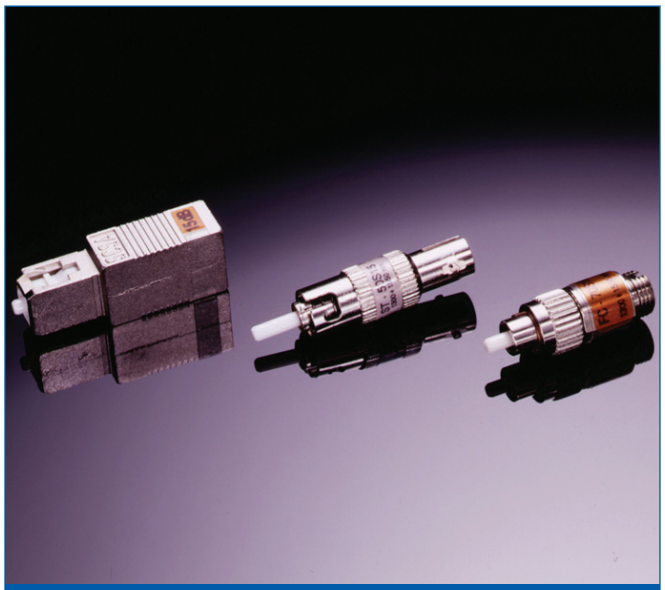
In-Line, Flat Wavelength Optical Attenuators

A LANscape® Solutions Product

features and benefits |

Special fiber	Minimizes effect of modal interference
Insertion between connector and adapter	Easy installation
Tested to Telcordia GR-910 issue 2	Meets performance requirements

Corning Cable Systems offers SC, ST® Compatible, FC, MU, LC low reflection, 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. These attenuators contain a zirconia ferrule with a specially selected attenuating fiber that 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. Available in ultra PC (≤ -55 dB) and angled PC (≤ -65 dB) finish, these attenuators will meet the most demanding network reflectance requirements.



Optical Attenuators | Photo CNPPP1473

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This datasheet has been downloaded from http://www.digchip.com at this page

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specifications |

Parameter	Single-mode
Attenuation Options	1,2,3,5,7,10,11,13,15 or 20 dB (please specify) Ultra PC: 0 to 20 dB Angled PC: 1 to 20 dB
Reflectance	Ultra PC: ≤ -55 dB Angled PC: ≤ -65 dB
Temperature Range	-25º to +70ºC

Insertion Loss Nominal Specified Loss	
1 to 5 dB	± 0.5 dB
6 to 30 dB	± 10 percent of attenuation value (example: 12 dB = ± 1.2 dB)

ordering information |

ATN - □ □ □ - □ □

|1 |2

|1

Select attenuator type code.

54 = FC ultra PC
58 = SC ultra PC
61 = ST® Compatible utlra PC
65 = SC angled PC
21 = FC angled PC
A10 = LC ultra PC
A11 = MU ultra PC
A12 = LC angled PC

Notes:
1) If required, attenuator configurations are also available in other increments. FC and PC nominal key is 2.00 mm and nominal key-way width is 2.05 mm.

2) ST compatible attenuators are available in 5, 10, 15 and 20 dB versions only.

|2

Select insertion loss value.

01 = 1 dB
02 = 2 dB
03 = 3 dB
04 = 4 dB
05 = 5 dB
06 = 6 dB
07 = 7 dB
08 = 8 dB
09 = 9 dB
10 = 10 dB
11 = 11 dB
12 = 12 dB
13 = 13 dB
14 = 14 dB
15 = 15 dB
16 = 16 dB
18 = 18 dB
20 = 20 dB

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