

Universal Build-Out Optical Attenuators

A LANscape®
Solutions Product

features and benefits |

Dual wavelength design	Operable at 1310 nm and 1550 nm
Easy change-out of attenuation values	No tools required
Single-mode precision sleeve	Provides precise alignment
Molded latches	Snap mount into SC panels

Corning Cable Systems Universal Build-Out Optical Attenuators are designed to interconnect single-mode connectors with or without attenuation. Offered in FC, LC, SC, or ST® Compatible styles, these attenuators are available in 0-16, 18 and 20 dB levels. The unique design allows for easy change-out of attenuation values with no tools required. The 0 dB offering is very useful for connections where no attenuation is required. Each build-out attenuator requires the use of a build-out block (sold separately) that replaces the standard adapter. The SC build-out block has molded latches for snap mounting into SC panels. The ST® compatible build-out block is equipped with a lock washer and circular nut for mounting into ST compatible bulkhead adapter panels. universal build-out attenuators meet dual-wavelength requirements for insertion loss at 1310 and 1550 nm while achieving reflectance performance of ≤ -40 db for single-mode applications and attenuation tolerances of ± 15 percent of nominal attenuation.



Optical Attenuators | Photo CNPSS1717

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specifications |

Parameter	Single-mode
Attenuation Options	0-16, 18 and 20 dB
Attenuation Tolerance	± 15 percent of dB level specific
Reflectance	≤ -40 dB
Temperature Range	-40° to +65°C

ordering information |

Part Number	Description
Kit Options	
ATN-37U-BO-KT	ST® Compatible Build-Out Attenuator Kit (includes one each: block, 5, 10, 15 and 20 dB attenuators)
ATN-38U-BO-KT	SC Build-Out Attenuator Kit (includes one each: block, 5, 10, 15 and 20 dB attenuators)

ATN - - BO -
|1 |2

|1

Select attenuator type code.

A10 = LC
38U = SC
37U = ST compatible
54U = FC

|2

Select dB level.

BK = Build-out block	11 = 11 dB
00 = 0 dB	12 = 12 dB
01 = 1 dB	13 = 13 dB
02 = 2 dB	14 = 14 dB
03 = 3 dB	15 = 15 dB
04 = 4 dB	16 = 16 dB
05 = 5 dB	18 = 18 dB
06 = 6 dB	20 = 20 dB
07 = 7 dB	
08 = 8 dB	
09 = 9 dB	
10 = 10 dB	

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