

# Universal Build-Out Optical Attenuators

A LANscape®  
Solutions Product

## features and benefits |

<b>Dual wavelength design</b>	Operable at 1310 nm and 1550 nm
<b>Easy change-out of attenuation values</b>	No tools required
<b>Single-mode precision sleeve</b>	Provides precise alignment
<b>Molded latches</b>	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  $\leq -40$  db for single-mode applications and attenuation tolerances of  $\pm 15$  percent of nominal attenuation.



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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
<b>Kit Options</b>	
<b>ATN-37U-BO-KT</b>	ST® Compatible Build-Out Attenuator Kit (includes one each: block, 5, 10, 15 and 20 dB attenuators)
<b>ATN-38U-BO-KT</b>	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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