WaveSmart®
Build-Out Attenuators

Application

Fiber optic attenuators are designed to introduce a specific amount of signal loss into an optical circuit. These products provide attenuation at a mated pair connection and are used for signal budgeting and power equalization.

Description

Clearfield® provides both build-out and in-line attenuators in all industry standard interface and attenuation values.

Features and Benefits

Integrity

- Compliant to Telcordia GR-910 and GR-1221
- Supports Industry standard Singlemode connectors
- Outside Plant hardened components

Protection

- Male and female ends all have protective dust cap
- Individually packaged for protection and to eliminate product mix up

Access

- Compact style fits in most cabinets and panels
- Connector interface includes SC, SC/APC, LC, LC/APC
- 1 dB through 20 dB, 25 dB and 30 dB attenuation
- Dual Bandwidth 1310/1550nm Supported
- Attenuation levels clearly marked for easy identification

Investment

- WaveSmart Attenuators offer an economical, dense and user-friendly solution for deploying fiber in any optical network
- Environmentally stable, high-isolation, low-insertion loss
- All components are tested 100%

Technical Specifications

WaveSmart Build-Out-Attenuators	
Return Loss	UPC: 55 dB; APC: 65 dB
Attenuation Tolerance	1 to 10 db: ± 0.5 dB 11 to 30 dB: ± 5%
Operational Wavelength	1260nm to 1650nm
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Max Power	500mW

Configured Part Numbers

Disclaimer/Note: Paper configurator shown is for reference only and should not be used to configure a saleable product configuration. All options shown on paper configurators may not be available or compatible with other options listed. Please contact your Clearfield representative for assistance in product configurations.

A ___ ___ - ___ ___ ___

1 2 3

1 Select Attenuator Style

B = Buildout (male / female)

2 Select Connector Style

A = SC/UPC
C = SC/APC
E = LC/UPC
G = LC/APC

3 Select Attenuation Value

XXX = Attenuation value up to 30 dB