Buildout Attenuators

Buildout attenuators provide superior performance for all single-mode in-line attenuation requirements. Standard attenuation values are 5, 10, 15, and 20 dB, available in SC, FC, ST, and LC connector styles. Using no air gap, filters, or light path discontinuities, attenuation is achieved by controlled absorption of light energy. This results in a polarization insensitive device with high power handling capability, environmentally stable, and exceptionally responsive, across a wide bandpass range.

Features

- SC, FC, ST, and LC connector styles (Ultra & Angled Polish)
- Long-term reliability
- Low ripple, wavelength independent attenuation
- Certified to >125 mW continuous power handling capability with no performance degradation
- Polarization insensitive
- Telcordia approved

Application

- Broadband Network
- Fiber in the Loop
- Local Area Networks (LAN)
- Long Haul Telecommunications (CLEC, CAPS)
- Network Testing
- Passive Optical Networks
- Telco

Specifications

PARAMETER	VALUE
Standard Attenuation Values	5, 10, 15 and 20 dB
Attenuation Tolerance	Standard at 10%
Vibration resistance	<0.1X attenuation value
Operating Temperature Range:	-40°C to +75°C
Storage Temperature Range:	-40°C to +85°C

Ordering Information

OFA — [ ] — BO [ ]

Connector
SCA = SC/APC
SCU = SC/UPC
LCA = LC/APC
LCU = LC/UPC
STU = ST/UPC
FCA = FC/APC
FCU = FC/UPC

01DB
02DB
03DB
04DB
05DB
06DB
07DB
08DB
09DB
10DB
11DB
12DB
13DB
14DB
15DB
16DB
17DB
18DB
19DB
20DB
21DB
22DB
23DB
24DB
25DB
26DB
27DB
28DB
29DB
30DB

© 2002-2012, AFL, all rights reserved. Revision 3, 12.03.12
Specifications are subject to change without notice.