Optical Attenuator Box

Optowaves'fiber optic attenuators are the first and only one to adopt Fused Biconical Taper (FBT) technology. With this innovative patented design, Optowaves'fixed in-line type attenuator is the most sophisticated device suitable for all applications demanding high performance. With the patented mode filter design, it can enhance mode stability dramatically and be readily panel mounted without any dummy fiber.

By embedding these attenuators in to a small form LGX metal box, it makes for better handling. Increase testing productivity and minimize chance of damage during transport.
Optowaves' attenuator box is the most ideal solution for lab testing and simulation. The products meet the Telcordia GR-910-CORE requirements.

Features
· **Environmentally stable**
· **Easy installation**
· **Custom defined specifications**
· **Low return loss**
· **Low insertion loss tolerance**

Applications
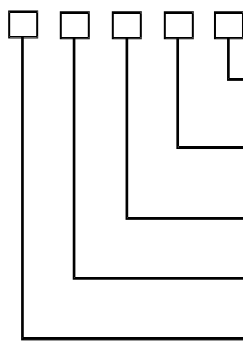· **Optical communication system**
· **Optical CATV networks**

Attenuator box with 3 attenuators included, 22dB, 26dB and 28dB.

Specifications

Item	Unit	Specifications		
		Standard	Wide-band	Dual-Window
Operating Wavelength	nm	850 or 1310 or 1550	1310 or 1550	1310 / 1550
Operating Bandwidth	nm	±10	±40	±40
Attenuation	dB	1~30 or specified	1~30 or specified	1~30 or specified
Attenuation Accuracy (without connectors)	dB	<±0.3(for 01~10dB) <±0.5(for 10~20dB) <±1.0(for 20~30dB)	<±0.3(for 01~10dB) <±0.5(for 10~20dB) <±1.0(for 20~30dB)	<±0.3(for 01~10dB) <±0.5(for 10~20dB) <±1.0(for 20~30dB)
Back Reflection	dB	<-60		
Operating Temperature	°C	-40 to +85		
Storage Temperature	°C	-55 to +85		

Ordering Information

ATNBOX- - - - -

Connector Type: FC,SC,ST or others

List of Attenuations: i.e. 22/26/28 dB for 3 attenuators in the box with 3 different attenuations.

Number of attenuators per box, either 1, 2 or 3

Wavelength: 850:850nm, 131:1310nm, 155:1550nm, 135:1310/1550nm

Type: S:Standard, W:Wide-band, DW:Dual Windows

Example: ATNBOX-DW-135-3-22/26/28-SC is for attenuator box, 1310/1550nm, with 3 different kind of attenuators inside, 22dB, 26dB and 28dB, with SC adaptors.