

# Plug-Type (Male/Female) Attenuators CBA series – Multimode

## Description:

The plug-type CBA series multimode attenuators are used directly on the ends of fiberoptic jumpers prior to installation in adapters. These attenuators provide a fixed level of attenuation at defined wavelength. The CBA series multimode attenuators are available for SC, FC, LC and ST connector types. Operational wavelength is 850 nm or 1300 nm.



## Features:

- Precise attenuation
- Multimode applications
- Operational wavelength 850 nm or 1300 nm
- Attenuation range 2 – 10 dB
- Easy installation
- High power endurance

## Application:

- Fiberoptic systems
- Receiver padding for optical receiver protection
- Optical power equalization
- Linearity and dynamic range testing in laboratory equipment
- Optical margin testing
- BER testing

## Specifications:

Parameter	
Attenuation range	2 – 10 dB
Operational wavelength	850 or 1300 nm
Stability	
attenuation range 2 to 5 dB	±0.8 dB
attenuation range 6 to 10 dB	±1.0 dB
Return loss	>30 dB
Power durability	150 mW
Operating temperature	-25 to 70 °C
Storage temperature	-40 to 80 °C

## Ordering Code:

**CBA - XX - XX - XX - XX**

attenuation	connector type	wavelength
<b>02</b> 2 dB	<b>SL</b> ST/PC	<b>85</b> 850 nm
<b>03</b> 3 dB	<b>PC</b> FC/PC	<b>13</b> 1300 nm
<b>04</b> 4 dB	<b>SC</b> SC/PC	
<b>05</b> 5 dB	<b>LC</b> LC/PC	
<b>06</b> 6 dB	fiber type	
<b>07</b> 7 dB	<b>M5</b> MM 50/125 μm	
<b>08</b> 8 dB	<b>M6</b> MM 62.5/125 μm	
<b>09</b> 9 dB		
<b>10</b> 10 dB		

## Samples of Attenuators



CBA-10-PC-M6-85



CBA-10-SC-M6-85



CBA-10-SL-M6-85



CBA-03-LC-M5-85