

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

Description:

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



Features:

- Precise attenuation, fixed value
- Multimode fiber 50/125 μm or 62.5/125 μm
- Operational wavelength 850 nm
- Attenuation range 2 – 18 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 -18 dB, see ordering code
Operational wavelength	850 nm
Stability	
attenuation range 2 to 5 dB	±0.8 dB
attenuation range 6 to 10 dB	±1.0 dB
attenuation range >10 dB	± 10 %
Return loss	>30 dB
Power durability	250 mW
Operating temperature	-40 to 80 °C
Storage temperature	-40 to 80 °C

Ordering Code:

CMA - XX - XX - MX - 85

attenuation (SC, FC, ST)		wavelength 85 850 nm
fiber M5	fiber M6	
03 3 dB	02 2 dB	MX- fiber type M5 MM 50/125 um M6 MM 62.5/125 um
06 6 dB	05 5 dB	
08 8 dB	07 7 dB	
15 15 dB	13 13 dB	
18 18 dB	17 17 dB	
attenuation (LC)		XX- connector type SL ST/PC PC FC/PC SC SC/PC LC LC/PC
fiber M5	fiber M6	
02 2 dB	02 2 dB	
04 4 dB	04 4 dB	
06 6 dB	05 5 dB	
10 10 dB	10 10 dB	
13 13 dB	13 13 dB	

Samples of Attenuators



CMA-18-PC-M5-85



CMA-06-SC-M5-85



CMA-13-LC-M5-85



CMA-03-SL-M5-85

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