

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)			
fiber M5		fiber M6	
03	3 dB	02	2 dB
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)			
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

wavelength

85 850 nm

MX- fiber type

M5 MM 50/125 um

M6 MM 62.5/125 um

XX- connector type

SL ST/PC

PC FC/PC

SC SC/PC

LC LC/PC

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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