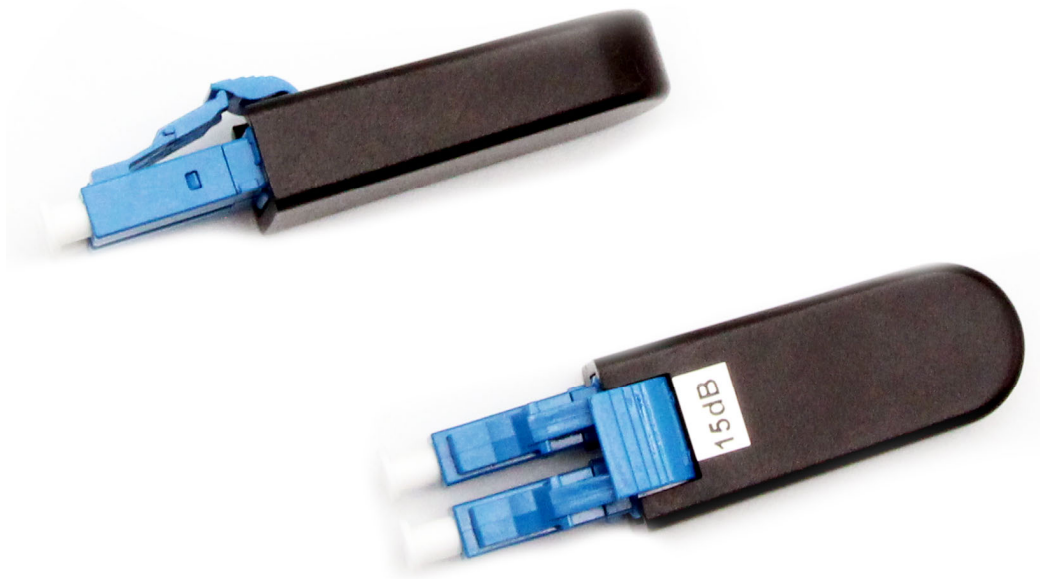


# DATASHEET

## LC loopback type fixed attenuator



**RoHS**



**OMC INDUSTRY CO.LIMITED**

## Description

**Fixed loopback type attenuators** from OMC offer defined control of optical signals in both integrated and add-on products.

Depending on the project or need, fixed attenuators can limit (attenuate) the amount of light passing through to the exact levels your project or application requirement. These precise attenuation levels provide for highly accurate performance.

OMC fixed attenuators are used in applications where a pre-determined amount of light loss is specified. Though its applications range widely, fixed attenuators are most commonly used for test and measurement, optical sensors, and telecommunications applications.

**OMC's Fixed loopback type attenuators are available for SM UPC (1-25dB) and SM APC (1-25dB)**

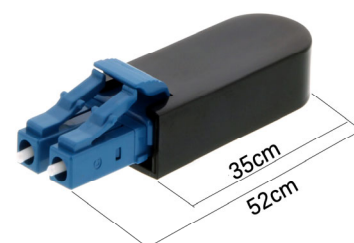
## Attenuator Specifications

Fiber Connector	LC/UPC	Connector Gender	LC
Transfer Mode	Single mode	Attenuation	3dB
Operating Wavelength (nm)	1260~1620(SM)	Attenuation Accuracy	±0.5dB
Return loss	≥ 50dB	Max Optical Input Power	200mW
Operating Temp Range	-40~80°C	Polarization Dependent Loss	≤ 0.2dB
Storage Temp Range	-40~85°C	Humidity	95%RH

## Features & Benefits

- Fully compatible with LC fiber optic connectors
- Precise attenuation values
- Industry standard attenuation levels
- Low PDL and insertion loss
- Precision polishing for reduced back reflection
- Highly Reliable Physical Contact Connectors
- Compartmentalized case provides safe component storage and simple organization
- Small, durable case for easy portability
- RoHS compliant

## Products Drawing



## Attenuator Application

Optical attenuator is a passive device used to reduce the power level of an optical signal. It is generally used in single-mode long-haul applications to prevent optical overload at the receiver. Optical attenuator is widely used in CWDM&DWDM, CATV systems, data center networks, test equipment and other high power applications.

## Packaging

This easily taken and well-protected fiber optical cable package has been labelled and marked by OMC as default .Standard carton size : 34\*22\*15 cm; 44\*34\*24 cm ; 54\*39\*34 cm . Which carton to be used depends on goods Qty . Packing can be customized.



1, Single PE Bag



2, Paper Carton



3, fumig-free Pallet

## Order Index

Products	-	Attenuation type	-	Type	-	Fiber Mode	-	Female port	-	attenuation
K - Attenuator		1- Fixed		6 - Loop-back type		0-SM		A-LC UPC		01- 1dB
						1-OM1		B—SC UPC		02- 2dB
						2-OM2		E— LC APC		..
						3-OM3		F-SC APC		...
						4-OM4				..
						5-OM5				...
										...