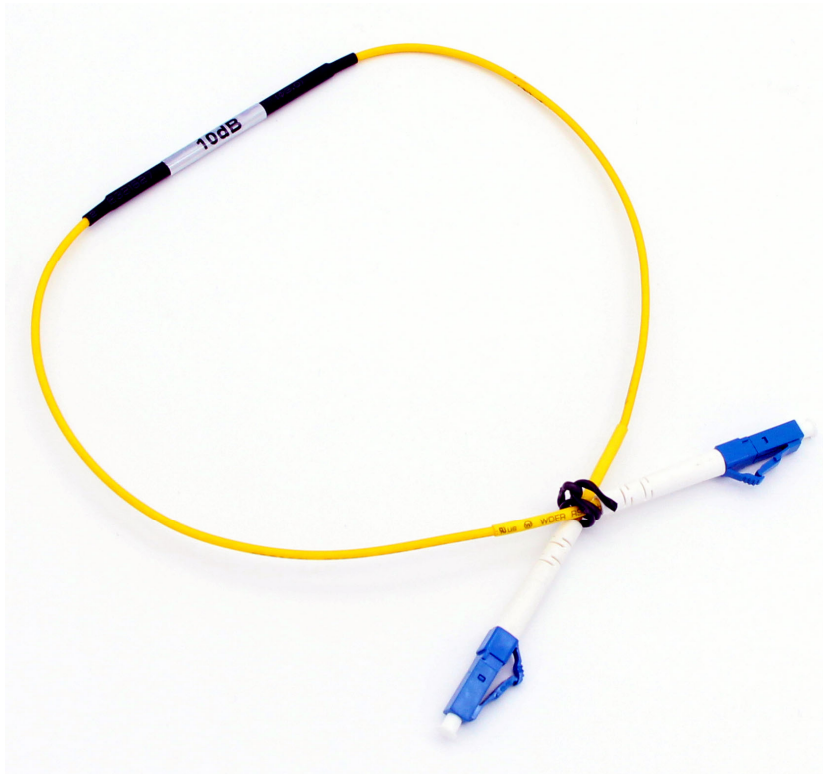


# DATASHEET

## LC In-line Type Fixed Attenuator



OMC INDUSTRY CO.LIMITED

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### Description

**Patch cord in-line type Fixed 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.

### Attenuator Specifications

Items	Parameters	
Operating Bandwidth:	SM	MM
	1310/1550nm	850nm
Insertion Loss	<0.20db	<0.35db
Return Loss	UPC ≥ 50db, APC ≥ 60db	PC ≥ 35db
Connectors:	SC,FC,LC,ST	
Attenuation Tolerance	1 ~ 10db ≤0.5db; 11 ~ 30db ≤1dB.	
Vibration	≤0.1db change between 10 ~ 55hz(2hr)	
Cable option:	2mm,0.9mm,3.0mm cable etc	
Max Optical Input Power	200mw	
Operating temp	- 40°C to +85°C(≤0.2db insertion loss)	

### 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,Self-seal PE Bag



2 Bubble Bag



3, Paper Carton



4,fumig-free Pallet



## LC In-line Type Fixed Attenuator

### Order Index

Products	Attenuation type	Type	Fiber Mode	Connector 1	Connector 2	Cable Length	attenuation	
K - Attenuator	1- Fixed	3 - IN-line type 0.9mm cable	0-SM	A-LC UPC	A-LC UPC	1- 1m	01- 1dB	
			4 - IN-line type 2.0mm cable	1-OM1	B-SC UPC	B-SC UPC	2- 2m	02- 2dB
			5 - IN-line type 3.0mm cable	2-OM2	C-FC UPC	C-FC UPC	..	
				3-OM3	D-ST UPC	D-ST UPC	...	
				4-OM4	E- LC APC	E- LC APC	..	
				5-OM5	F-SC APC	F-SC APC	...	
					G-FC APC	G-FC APC	...	
					H- MU UPC	H- MU UPC		
					I- MU APC	I- MU APC		
					J- E2000 UPC	J- E2000 UPC		
					K-E2000 APC	K-E2000 APC		