E2000 UPC Female to E2000 UPC male Plug-in Fixed Fiber Optical Attenuator（1-25dB）

Zion Code and Description

Zion Code	Zion Description
7237012	E2000 UPC Female to E2000 UPC male Plug-in Fixed Fiber Optical Attenuator（1-25dB）

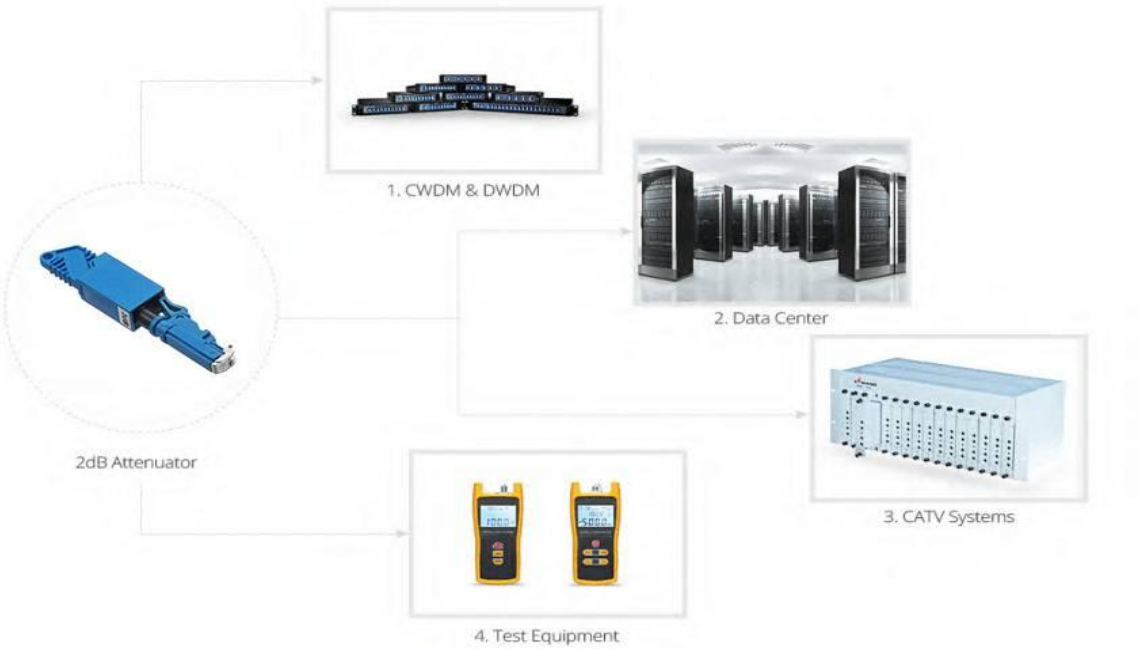
Female to male Fixed attenuators from OMC offer defined control of optical signals in both integrated and add-on products. Depending on the project or need, fixed attenuators can limit (attenuate) the amount of light passing through to the exact levels your project or application requirement. These precise attenuation levels provide for highly accurate performance.

Features

- Precise Attenuation Values
- Low PDL&Insertion Loss
- Precise Reflection Polishing
- Fast Connection
- Stable attenuation, highly Reliable
- Complies with industry green initiative such as ROHS
- GR910 Compliant

Attenuator Application:

ZION COMMUNICATIONS' Fiber Optic Attenuator is a kind of optical device that can reduce the energy of optical signal. It is used to attenuate the input optical power and avoid the distortion caused by the optical receiver due to the super strong input optical power.Fiber Optic Attenuator, as a kind of optical passive device, is used for debugging optical power performance, debugging and calibration of optical fiber instrument in optical communication system, and optical fiber signal attenuation. The product is made of attenuating fiber doped with metal ions, which can adjust the optical power to the required level.Mainly used in: 1.CWDM&DWDM,2. data center networks,3. CATV systems 4.Test Equipment



Connector Type	MU,E2000
	The MU (Miniature Unit Coupling) connector is based on the most used SC connectors. The advantage of maintaining the institution is that it can achieve high -density installation. With the rapid development of optical fiber network towards a larger bandwidth and larger capacity direction and the widespread application of DWDM technology, the demand for MU type connectors will also grow rapidly.
	The E2000 attenuator is an electronic component that provides attenuation and is widely used in electronic equipment. Its main uses are: (1) to adjust the size of the signal in the circuit; (2) in the comparison method measurement circuit, it can be used to directly Read the attenuation value of the network under test; (3) Improve impedance matching. If some circuits require a relatively stable load impedance, an attenuator can be inserted between the circuit and the actual load impedance to buffer the change of impedance.

Characteristics:

Parameter	MU，E2000
Operating Wavelength(nm)	SM:1310-1550 MM:850
Insertion Loss (dB)	≤ 0.6
Return Loss (dB)	UPC≥50db,APC≥60db,PC≥35db
Repeatability (dB)	≤ 0.2
Resolution (dB)	≤ 0.1
Wavelength dependent loss(dB)	WDL≤ 0.3（CorLBand）
Polarization dependent loss(dB)	PDL≤ 0.2
Temperature dependent loss(dB)	TDL≤ 0.2
Tolerance for 1-5dB Attenuation(dB)	±0.5
Tolerance for 6-25dB Attenuation(nm)	±10
Mating Durability（cycle）	≥1000
Max Optical Input Power(mw)	200
Attenuation Tolerance(dB)	1～5db±0.5db &6～25db±10%
Vibration hz(2hr)	10～55
Operating Temperature (℃)	-5 ~ +85
Storage Temperature (℃)	-40 ~ +75

Zion Communication's Hot Fiber Optical Attenuator

Zion Code	Product Code	Zion Description
7237001	ZC11FXAADXX	LC APC Female to LC APC male Plug-in Fixed Fiber Optical Attenuator （1-25dB）
7237002	ZC11FXBBDXX	LC UPC Female to LC UPC male Plug-in Fixed Fiber Optical Attenuator（1-25dB）
7237003	ZC11FXCCDXX	SC APC Female to SC APC male Plug-in Fixed Fiber Optical Attenuator（1-25dB）
7237004	ZC11FXDDDXX	SC UPC Female to SC UPC male Plug-in Fixed Fiber Optical Attenuator（1-25dB）
7237005	ZC12FXEEDXX	ST APC Female to ST APC male Plug-in Fixed Fiber Optical Attenuator（1-25dB）
7237006	ZC11FXFFDXX	ST UPC Female to ST UPC male Plug-in Fixed Fiber Optical Attenuator（1-25dB）
7237007	ZC11FXGGDXX	FC APC Female to FC APC male Plug-in Fixed Fiber Optical Attenuator（1-25dB）
7237008	ZC11FXHHDXX	FC UPC Female to FC UPC male Plug-in Fixed Fiber Optical Attenuator（1-25dB）
7237009	ZC11FXIIDXX	MU APC Female to MU APC male Plug-in Fixed Fiber Optical Attenuator（1-25dB）
7237010	ZC12FXJJDXX	MU UPC Female to MU UPC male Plug-in Fixed Fiber Optical Attenuator（1-25dB）
7237011	ZC11FXKKDXX	E2000 APC Female to E2000 APC male Plug-in Fixed Fiber Optical Attenuator（1-25dB）
7237012	ZC11FXLLDXX	E2000 UPC Female to E2000 UPC male Plug-in Fixed Fiber Optical Attenuator（1-25dB）
7237013	ZC12FXMMDXX	8F MPO（female）to MPO（Male）Fiber Optical Attenuator（1-20dB）
7237014	ZC11FXNNDXX	12F MPO（female）to MPO（Male）Fiber Optical Attenuator（1-20dB）
7237015	ZC11FXOODXX	24F MPO（female）to MPO（Male）Fiber Optical Attenuator（1-20dB）

Named Rule

Attenuation type	Connect type	Fiber Mode	Female port	Male connector	attenuation
1-Fixed	1 - Female to male	F0-SM	A-LC APC	A-LC APC	D01-1dB
		F1-OM1	B-LC UPC	B-LC UPC	D02-2dB
		F2-OM2	C-SC APC	C-SC APC	D03-3dB
		F3-OM3	D-SC UPC	D-SC UPC	D04-4dB
		F4-OM4	E-ST APC	E-ST APC	D05-5dB
		F5-OM5	F-ST UPC	F-ST UPC	D06-6dB
			G-FC APC	G-FC APC	D07-7dB
			H-FC UPC	H-FC UPC	D08-8dB
			I-MU APC	I-MU APC	.....
			J-MU UPC	J-MU UPC	
			K-E2000 APC	K-E2000 APC	
			L-E2000 UPC	L-E2000 UPC	
			M-MPO 8F	M-MPO 8F	
			N-MPO 12F	N-MPO 12F	
			O-MPO 24F	O-MPO 24F	

ZC 11 FX L L DXX

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

OEM/ODM service for you

OMC's E2000 Female to E2000 male Fixed attenuator are available for SM UPC (1-25dB) and SM APC (1-25dB)

ZION Communication has rich expiriences in producing OEM/ODM cases becaused of Profession R & D team.

- Customized Logo
- Label/PE bag/Carton design