

## DATA SHEET

### Fiber Optic Attenuator Fixed Type

Fiber Optic Attenuators, are used in Communication systems to reduce optical power, launched onto photo detectors. These high performance devices are designed to give accurate attenuation over a wide range of wavelengths.

#### Applications

- Telecommunication Networks
- CATV
- Active device termination
- EDFA
- Instrumentation
- Fiber Optic Sensors
- Fiber to home

#### Features

- Wide attenuation range
- Precision ceramic ferrule
- Ultra Low Back Reflection
- Environmentally Stable
- Simple and Reliable Structure



#### Specifications

Parameters	Unit	Fixed Attenuator (Male / Female)
Operating Wavelength	nm	1310(±25)nm or 1550(±25) for Single Window 1310(±25)nm and 1550(±25) for Dual Window
Attenuation Value	dB	1-20 dB
Tolerance	dB	±0.75dB for 1–5dB ±15% of attenuation for 6-20dB
Max. Optical Input Power	mW	200
Max PDL	dB	0.2
Return Loss	dB	PC >50 APC >60
Operating temperature range	°C	-30 - +70

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#### Ordering Information

ATN - XX - XXX - XXXX

#### Attenuation

01 1dB

20 20db

#### Operating Wavelength

1310 1310nm

1550 1550nm

1315 1310 and 1550nm

#### Connector Type

FCP FC/PC

FCA FC/APC

SCP SC/PC

SCA SC/APC

LCP LC/PC

E2P E2000/PC

E2A E2000/APC