

Optical Fixed Attenuators



Product Introduction

Optical fixed attenuators series include ordinary fiber gap based attenuator(OAT-F), attenuation fiber base attenuator with low back reflection(OAT-HF), and in-line attenuator(OAT-HFI) with low back reflection. The products are Telcordia GR-910-CORE qualified, and RoHS compliant.

Features

- High attenuation precision
- High return loss
- Excellent stability and reliability

Applications

- Optical communication system
- Optical CATV networks

Standards

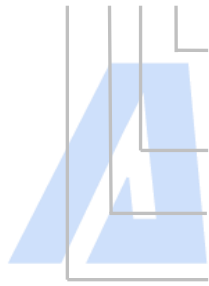
- YD/T 1272.4-2007, YD/T 1272.3-2005,
- YD/T 1272.1-2003, YD/T 894.1-2010
- IEC 61754-13 2006, IEC 61754-4 2013, IEC 61754-20 2012
- GR-910-CORE

Specifications

Parameter	Unit	Attenuation	Type		
			OAT-F	OAT-HF	OAT-HFI
Wavelength	nm	—	13,101,550		
Attenuation accuracy	dB	1~2	±0.5		
	dB	3~7	±0.75(Standard)		
			±0.5(High accuracy)		
	dB	8~25	±10% ×Att*		
Return loss	dB	—	NA	≥45	≥40
Input / Output connector	— —	—	FC,SC	FC,SC,LC	FC,SC,LC,ST
Durability	time s	—	200		
Optical power	mW	—	500		
Operation Temperature	°C	—	-40~85		
Note:(*) Att means attenuation value.					

Ordering information

OAT-□-□-□-□



Attenuation: 01:1dB,03:3dB,05:5dB,10:10dB,15:15dB,20:20dB, customer specify

Connector: FC,SC,LC/UPC,FC,SC,LC/APC(only for in-line)

Wavelength: 1310:1310nm,1550:1550nm,135:1310nm&1550nm

Attenuator Type: F:ordinary type,HF:high return loss type,HFI:in-line type