

Optical Fibre Attenuator

These products are passive optical devices. In-line, adjustable, and female-to-male attenuators are available, for attenuation of optical signals.



Product Structure



Product Features

- Metal or plastic housing (except for in-line type).
- Multiple interfaces available.
- Optical power attenuation with 1-30 dB precision.
- Adjustable attenuator provides 0-30 dB attenuation.



Product Parameters

Type	Attenuation	Accuracy Error	Operating Wavelength	Return Loss (dB)	Connector Type
In-line Attenuator	1 - 5 dB	± 0.50 dB	1310 nm, 1550 nm,	UPC ≥ 50 , APC ≥ 60	LC, SC, FC, ST
	6 - 30 dB	$\pm 10\%$			
Adjustable Attenuator	0 - 30 dB	$\pm 10\%$	1310 nm, 1550 nm	UPC ≥ 50 , APC ≥ 60	FC
Female-to-male Attenuator	1 - 10 dB	± 0.50 dB	1310nm, 1550nm,	UPC ≥ 50 , APC ≥ 60	LC, SC, FC, ST
	11 - 30 dB	$\pm 10\%$			

Attenuator Type	Online attenuator/Adjustable attenuator/Female-to-male attenuator
Standards Compliance	Compliant with YD/T894-1997 and RoHS standards
Operating Environment	-20°C to +75°C
Environmental Protection	Compliant with RoHS standard



Order Guide

Type	Attenuation	Connector Type	End Surface Polish Method	Fibre Type	Color	Wavelength
In-line Attenuator	1 dB	LC	PC	Single-mode	Blue	1310 nm
Adjustable Attenuator	2 dB	SC	APC	Attenuating fibre	Green	1550 nm
Female-to-male Attenuator	5 dB	ST	--	--	Silver	1310nm, 1550 nm
--	15 dB	FC	--	--	--	--
--	30 dB	--	--	--	--	--