



# Variable Fiber Optic Attenuators

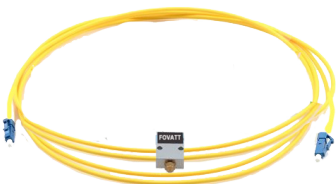
With excellent characteristics, variable fiber optic in-line attenuators can be used in fiber optical telecommunication system and optical transmission systems. These attenuators can be applied in FTTH, CATV, LAN, fiber optical sensor and subscriber loops.

## Features:

- High precision attenuation value
- Wide attenuation range 0dB to 30dB
- Low insertion loss and PDL High return Loss
- High environmental stability and reliability
- Easy installation
- RoHS compliant



**SC/UPC to SC/UPC Variable**



**LC/UPC to LC/UPC Variable**



**FC/UPC to FC/UPC Variable**

Parameter	Specification	
Mode	Single Mode	Multi-Mode
Design	In-line VOA	
Attenuation Range	0 ~ 30dB	
Fiber Type	Singlemode 9/125μm	50/125μm 62.5/125μm
Return Loss	≥ 65 (APC), ≥ 55 (UPC)	
Connector Gender	Male to female	
Operating Wavelength	1310/1550	850/1310
Jacket Outside Diameter	2mm	
Original Loss	<0.6dB	
Precision	0.02dB	
Polarization Dependent Loss	<0.10dB	
Operating Temperature	-20 ~ 80°C (0 ~ 30dB)	-40 ~ 70°C (0-60dB)
Storage Temperature	-45 ~ 85°C	
Dimensions	26L x 8W x 18H mm	

## FOVATT-xx/UPC

Connector Type  
Fiber Optic Attenuator

[www.multicominc.com](http://www.multicominc.com)

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