

## ST Fixed Optical Attenuator (Male-Female)

### Description

Takfly ST Attenuator family offers high performance of variously fixed attenuation for industrial standard connections. Wide attenuation range, extremely low return loss, polarization insensitive, and excellent repeatability.

With our highly integrated design and manufacturing capability, Takfly can also provide customized products to help our customer for better opportunities. Our attenuator complies with industry green initiative such as ROHS.

### Features

- Wide Attenuation Range
- Low Return Loss
- Low PDL
- Polarization Insensitive
- Various connector type
- Highly Reliable



### Application

- FTTH, LAN, PON & Optical CATV
- Local ring net
- Optical fiber communication system
- Optical fiber test equipment
- Optical fiber network

### Parameter

Type	Parameter	UPC	APC	MM
Insertion loss	SM:1310nm/1550nm MM:850nm/1300nm	≤0.3dB	≤0.3dB	≤0.3dB
Return Loss	SM:1310nm/1550nm MM:850nm/1300nm	≥50dB	≥60dB	≥35dB
Duration	>1000times	<0.1dB		
Tensile strength	>100N	<0.1dB		
Tolerance	DB Value≤5dB =±0.5&DB Value≥5dB =±DB*10%			
Operating Temperature(℃)	-40℃～+85℃			
Storage Temperature (℃)	-40℃～+85℃			