



A fibre optic attenuator, is a device used to reduce the power level of an optical signal. Optical attenuators are commonly used in fibre optic communications, either to test power level margins by temporarily adding a calibrated amount of signal loss, or installed permanently to properly match transmitter and receiver levels. Fibre optic attenuators are available in a wide range of connectors types and loss insertion values.

APPLICATIONS

- Fibre Optical distributing frame
- Fibre Optical network system
- High speed fibre optical transmission system
- CATV system
- Long distance DWDM system
- Optical add-drop multiplexers(OADM)

FEATURES

- High return loss
- Simple structure
- Max operation power(1W)
- Low wavelength relativity
- Low polarization related loss

SPECIFICATIONS

Item	
Attenuation Value	1~25dB
Attenuation Precision	≤5dB±0.3dB, ≥10dB±1dB, ≥10dB±10%
Return Loss	PC≥55dB; APC≥60dB
Operation Wavelength	1310nm and 1550nm(SM)
Polarization Loss	≥0.1dB
Operation Temperature	-40℃~ +75℃
Storage Temperature	-40℃~ +85℃
Temperature(Un-encapsulation)	95%RH Apply Telcordia Standard(GR-910-CORE)