Description

- An attenuated patch cord is designed to attenuate an optical signal, usually to keep the detector response in the linear region. A patch cord with fixed built-in attenuation is a cost-effective alternative to an attenuated adapter. A disadvantage with an extra adapter is that some reflection loss is introduced into the system. However, this problem can be avoided with an attenuated patch cord.

- High performance attenuated patch cords can be installed in place of conventional patch cords to provide a constant level of attenuation with >50 dB return loss. They are compact, multi purpose passive devices designed to operate in 1310 and 1550nm wavelengths.
- Attenuated patch cords can be provided with several different connector styles with lengths up to 20 meters to meet varied customer requirements.

Features

- Combines the functions of an attenuator and a cable assembly
- Low back reflection
- 1310nm and 1550nm support
- Conforms to EIA/TIA standards
- Inexpensive compared to traditional attenuator approaches

Application

- Telecommunication
- CATV
- LAN & WAN
- Network
- Broadband
- FTTP

Parameter

Available Attenuation	1.0 To 15 dB with 1dB increments		
Attenuation Tolerance	For ≤5dB : ±0.5 dB For >5dB : ±10% of normal value		
Back Reflection	SPC	UPC	APC
	≤-45dB	≤-50dB	≤-60dB
Available Connector	FC、SC, ST、LC		
Operating Wavelength	1310 and 1550nm		
Durability	0.2dB Max. Increase		
Operating Temperature	-20℃~ +70℃		

Appearance & Dimension