

Attenuated Patchcord

V.3.1

Description

Optronics high performance attenuated patchcords are used to attenuate the optical signal in a link. Attenuated patch cords can be installed in place of conventional patchcords to provide a constant level of attenuation with a return loss of >50 dB.

The attenuated patchcord can be used to replace the conventional cable assembly and attenuator combination. It is a compact, multi purpose passive device designed to operate at the 1310 and 1550nm wavelengths.

Attenuated patchcords can be provided with various connector styles SC, ST and FC to meet customer's requirements.

Optronics attenuated patchcords comes to you from a world class manufacturing facility backed by over 15 years of experience in manufacturing fibre optic passive and active devices. Products coming out of this facility have found worldwide applications in computer networking, telecommunications and cable TV.

The Optronics optical fibre patch cords are manufactured using the best quality components. The connectors are the market leading Optronics range of connectors, and the cable exceeds all areas of the standards.

The Optronics range of patch cords has grown through the years, from industry standard 62.5/125 multimode to 9/125 singlemode, FibreFab can supply them all.

Non-standard cables can be made to your own exacting standards in our ISO 9001 UK production facility. This encompasses all of the essential tools to ensure the products not only meet but also exceed the requirements laid down in IEC international standards for fibre optic terminations



Features / Benefits

- ▶ Provides the functions of attenuator and cable assembly simultaneously
- ▶ Low Back Reflection
- ▶ 100% Insertion Loss Testing
- ▶ Connector varieties available
- ▶ Conforms to the requirements of EIA/TIA standards
- ▶ Inexpensive and compact

Applications

- ▶ Telecommunication Networks
- ▶ CATV
- ▶ LAN and WAN
- ▶ Attenuation values available: 01= 1dB, 02= 2dB, 03= 3dB, 04= 4dB, 05= 5dB 06= 6dB, 07= 7dB, 08= 8dB, 09= 9dB, 10= 10dB 15= 15dB, 20= 20dB

Technical Specification

DESCRIPTION	
Available Attenuation	1.0 to 20 dB with 1dB increments
Attenuation Tolerance	For = 5dB : ± 0.5 dB; For >5dB : ± 10% of nominal value
Back Reflection	>55 dB(UPC) >60dB (APC)
Operating Wavelength	1310nm, 1550nm, 1310 and 1550nm
Connectorization	SC, FC & ST
Length	0.5M UPTO 10M (tol +0.1/-0.05) 10M TO 20M (tol +0.2/-0.1) Other lengths available on request
Fiber type Corning	SMF-28



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