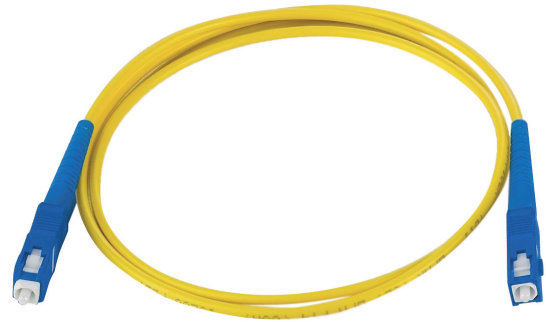


Attenuated patch cords

- **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**



Overview

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

The attenuated patch cord 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 requirements.

Our attenuated patch cords come 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:

- CATV
- Telecommunication networks
- LAN and WAN

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

The range of patch cords has grown through the years, from industry standard 62.5/125 multimode to 9/125 singlemode.

The following attenuation values are 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

Non-standard cables can be made to your own exacting standards in an 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.

Specifications

Available attenuation	1.0 to 20 dB with 1 dB increments
Attenuation tolerance	For = 5 dB : ± 0.5 dB; For >5 dB : $\pm 10\%$ of nominal value
Back reflection	>55 dB(UPC) >60 dB (APC)
Operating wavelength	1310nm, 1550nm, 1310 and 1550nm
Connectorization	SC, FC & ST
Length	0.5M to 10M (tol +0.1/-0.05) 10M to 20M (tol +0.2/-0.1) Other lengths available on request
Fibre type Corning	SMF-28

Ordering information

Item Name	Article number
TBD	TBD

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