

Attenuated Patchcord

Brotechs 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.



Features

- Provides the functions of attenuator and cable assembly simultaneously
- Low Back Reflection
- 100% Insertion **Loss** Testing
- **Connector varieties** available
- **Con**forms to the requirements of EIA/TIA standards
- **In**expensive and compact

Applications

- Telecommunication Networks
- **CATV**
- **LAN and WAN**



Specifications

* Specification

Mechanical

Length: 1.5m ± 10mm

Other lengths available to order

Product Packaging

Each pigtail is packaged individually and individually identified for traceability, test certification is supplied for each assembly.

* Connector Specification

Optical Performance (Singlemode) ~Insertion loss: Max. 0.3 dB, Typical 0.2 dB ;

Return loss: UPC > 50dB, APC >60Db

(Multimode) ~Insertion loss: Max. 0.3 dB, Typical 0.2 dB

Optical Performance (MT-RJ): Insertion loss: Max. 0.5 dB

Operating Temperature: -40°C to +85°C

Intermateability: Optically and mechanically compatible with all equivalent connectors.

Compliant with IEC 874-14.

Ordering Information

Connector Type	Connector Type	Attenuator	Type	Count	Cable OD	Cable Material	Color	Length
1 : LC/PC	1 : LC/PC	01 : 1dB	S : SM	S : Simplex	09 : 0.9mm	P : PVC	Y : Yellow	001 : 1M
2 : SC/PC	2 : SC/PC	02 : 2dB	6 : 62.5/125	D : Duplex	18 : 1.8mm	L : LSZH	O : Orange	002 : 2M
3 : ST/PC	3 : ST/PC	5 : 50/125		20 : 2.0mm		G : Green	002A : 2.5M
4 : E2000 /PC	4 : E2000 /PC	10 : 10dB	B : OM3		24 : 2.4mm		R : Red	...
5 : DIN/PC	5 : DIN/PC				30 : 3.0mm		W : White	
6 : MPO	6 : MPO						B : Black	
7 : FC/PC	7 : FC/PC						L : Blue	
8 : MTRJ	8 : MTRJ						P : Purple	
9 : MU	9 : MU							
A : LC/APC	A : LC/APC							
B : SC/APC	B : SC/APC							
C : E2000/APC	C : E2000/APC							
D : FC/APC	D : FC/APC							
L : LX.5/PC	L : LX.5/PC							

