



## Fiber Attenuator/Terminator - Inline Variable Attenuator

Lightem patchcord type variable attenuator is ideal for the application where the fine tune of the attenuation value is required. This high performance device is designed to give accurate attenuation range of 0.5-30dB over a wide range of wavelengths. The patchcord type configuration allows the direct linkage to both ends without any additional device in between. Available in PC or APC finish providing ultra low return loss. Lightem patchcord variable attenuators come to you from a world class manufacturing facility plant, suitable for applications in computer networking, telecommunications and cable TV etc.

### Features

- Stable performance
- Easy installation and well protected package
- Telcordia "GR-910-CORE" conformed
- Environmental stability

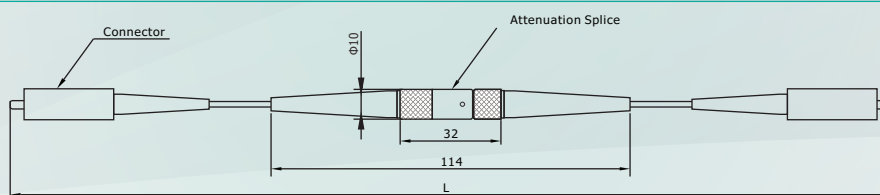
### Applications

- Local area networks
- Telecommunications
- Optical test equipment
- FTTH.
- Fiber optical sensor
- CATV

### Specifications

Parameters	Singlemode	Multimode
Fiber Type	9/125 $\mu\text{m}$	50/125 $\mu\text{m}$ , 62.5/125 $\mu\text{m}$
Attenuation value	0.5 dB ~ 30 dB	0.5 dB ~ 30 dB
Operating wavelength	1310 / 1550nm	1300nm
Return Loss	$\geq 40\text{dB}$	-----
Durability	0.2 dB Max.	
Available Connector	FC, SC, ST, LC, MU	
Operating Temperature	-20°C to +70°C	
Storage Temperature	-20°C to +70°C	

### Product Diagram



### Ordering information

PN	Connector Type	Connector Type 2	Cable Type	Length(m)
LVAP	Singlemode Type FU - FC/UPC FA - FC/APC CU - SC/UPC CA - SC/APC TU - ST/UPC LU - LC/UPC LA - LC/APC MU - MU/UPC Multimode Type FC - FC SC - SC ST - ST LC - LC MU - MU	Singlemode Type FU - FC/UPC FA - FC/APC CU - SC/UPC CA - SC/APC TU - ST/UPC LU - LC/UPC LA - LC/APC MU - MU/UPC Multimode Type FC - FC SC - SC ST - ST LC - LC MU - MU	31 - 3mm simplex 21 - 2mm simplex 90 - 900 $\mu\text{m}$ simplex	0010 - 1m 0015 - 1.5m ----- 0100 - 10m

L	V	A	P	F	A	F	A	3	1	0	0	2	0
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