

ATTENUATOR

Product sheet
Attenuator

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Micropol Fiber optic AB
Älvdalsvägen 4
313 50 Åled

Phone: +46 (0)35 17 85 39
E-mail: info@micropol.com

FEATURES

- Metal ion doped fiber
- High power light source durability
- Wave length independent
- Attenuation levels ranging from 1 dB to 30 dB
- 1310nm, 1550 nm, 1250-1625nm and 1350/1550nm dual wave lengths



A BROAD RANGE OF ATTENUATORS

A fiber optic attenuator is a passive device used to reduce the amplitude of light signal without significantly changing the wave form itself.

This is often a requirement in Dense Wave Division Multiplexing (DWDM) and Erbium Doped Fiber Amplifier (EDFA) applications where the receiver cannot accept the signal generated from a high power light source.

Micropol's attenuators feature a proprietary type of metal ion doped fiber which reduces the light signal as it passes through. This method of attenuation allows for higher performance than fiber splices or fiber offsets, which function by misdirecting rather than absorbing the light signal. Our attenuators are capable of performing in 1310, C and L-bands.

Our attenuators are capable of withstanding over 1W of high power light exposure for extended periods of time, making them well-suited for EDFA and other high power applications. Attenuation levels ranging from 1 dB to 30 dB, with standard and premium tolerances, plus custom configurations. Low Polarization Dependent Loss (PDL) and a stable independent wavelength distribution makes them ideal for DWDM

Our standard range

LCAPC : Attenuators - SM-LCA/LCA, 1dB-15dB

LCUPC : Attenuators - SM-LCU/LCU, 1dB-15dB

SCAPC : Attenuators - SM-SCA/SCA, 1dB-15dB

SCUPC : Attenuators - SM-SCU/SCU, 1dB-15dB