FO attenuator SC/APC plug/jack, 16dB, 1310/1550nm



tde - FO Attenuators

A fiber optic attenuator is a passive device used to reduce the amplitude of a light signal without significantly changing the wave form itself. This is often a requirement in DWDM and EDFA applications where the receiver cannot accept the signal generated from a high-power light source.

tde 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. tde attenuators are capable of performing in the 1310, C and L Bands. tde attenuators are capable of withstanding over 1W of high power light exposure for extended periods of time, making them well-suited to EDFA and other high-power applications. Low Polarization Dependent Loss (PDL) and a stable and independent wavelength distribution makes them ideal for DWDM.

Applications

- Erbium Doped Fiber Amplifiers (EDFA)

tde® trans data elektronik GmbH

Headquarter address:
Lingener Str. 2
D-49626 Bippen/Ohrte
Tel.: +49 5435 9511 0
Fax.: +49 5435 9511 32

Sales office address:
Prinz-Friedrich-Karl-Str. 46
D-44135 Dortmund
Tel.: +49 231 8805 61 13
Fax.: +49 231 8805 61 15

info@tde.de | www.tde.de

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- Dense Wave Division Multiplexers (DWDM)
- Overpowered fiber optic systems

Features

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

Technical Data

Return Loss	≥ 65 dB (APC)
Attenuation Tolerance	± 5%
Operational Wavelengths	1310, 1490, und 1550 nm
Operating Temperature	-40 to +75°C
Maximum Power	500mw

Product variants & accessories

Art.-No.	Description
L-ATT-SC/APC-MF-01	FO attenuator SC/APC plug/jack, 01dB, 1310/1550nm
L-ATT-SC/APC-MF-02	FO attenuator SC/APC plug/jack, 02dB, 1310/1550nm
L-ATT-SC/APC-MF-03	FO attenuator SC/APC plug/jack, 03dB, 1310/1550nm
L-ATT-SC/APC-MF-04	FO attenuator SC/APC plug/jack, 04dB, 1310/1550nm
L-ATT-SC/APC-MF-05	FO attenuator SC/APC plug/jack, 05dB, 1310/1550nm
L-ATT-SC/APC-MF-06	FO attenuator SC/APC plug/jack, 06dB, 1310/1550nm
L-ATT-SC/APC-MF-07	FO attenuator SC/APC plug/jack, 07dB, 1310/1550nm
L-ATT-SC/APC-MF-08	FO attenuator SC/APC plug/jack, 08dB, 1310/1550nm
L-ATT-SC/APC-MF-09	FO attenuator SC/APC plug/jack, 09dB, 1310/1550nm
L-ATT-SC/APC-MF-10	FO attenuator SC/APC plug/jack, 10dB, 1310/1550nm
L-ATT-SC/APC-MF-11	FO attenuator SC/APC plug/jack, 11dB, 1310/1550nm
L-ATT-SC/APC-MF-12	FO attenuator SC/APC plug/jack, 12dB, 1310/1550nm
L-ATT-SC/APC-MF-13	FO attenuator SC/APC plug/jack, 13dB, 1310/1550nm
L-ATT-SC/APC-MF-14	FO attenuator SC/APC plug/jack, 14dB, 1310/1550nm
L-ATT-SC/APC-MF-15	FO attenuator SC/APC plug/jack, 15dB, 1310/1550nm
L-ATT-SC/APC-MF-16	FO attenuator SC/APC plug/jack, 16dB, 1310/1550nm
L-ATT-SC/APC-MF-17	FO attenuator SC/APC plug/jack, 17dB, 1310/1550nm
L-ATT-SC/APC-MF-18	FO attenuator SC/APC plug/jack, 18dB, 1310/1550nm
L-ATT-SC/APC-MF-19	FO attenuator SC/APC plug/jack, 19dB, 1310/1550nm
L-ATT-SC/APC-MF-20	FO attenuator SC/APC plug/jack, 20dB, 1310/1550nm
L-ATT-SC/APC-MF-21	FO attenuator SC/APC plug/jack, 21dB, 1310/1550nm

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FO attenuator SC/APC plug/jack, 16dB, 1310/1550nm

Art.-No.	Description
L-ATT-SC/APC-MF-22	FO attenuator SC/APC plug/jack, 22dB, 1310/1550nm
L-ATT-SC/APC-MF-23	FO attenuator SC/APC plug/jack, 23dB, 1310/1550nm
L-ATT-SC/APC-MF-24	FO attenuator SC/APC plug/jack, 24dB, 1310/1550nm
L-ATT-SC/APC-MF-25	FO attenuator SC/APC plug/jack, 25dB, 1310/1550nm
L-ATT-SC/APC-MF-26	FO attenuator SC/APC plug/jack, 26dB, 1310/1550nm
L-ATT-SC/APC-MF-27	FO attenuator SC/APC plug/jack, 27dB, 1310/1550nm
L-ATT-SC/APC-MF-28	FO attenuator SC/APC plug/jack, 28dB, 1310/1550nm
L-ATT-SC/APC-MF-29	FO attenuator SC/APC plug/jack, 29dB, 1310/1550nm
L-ATT-SC/APC-MF-30	FO attenuator SC/APC plug/jack, 30dB, 1310/1550nm

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