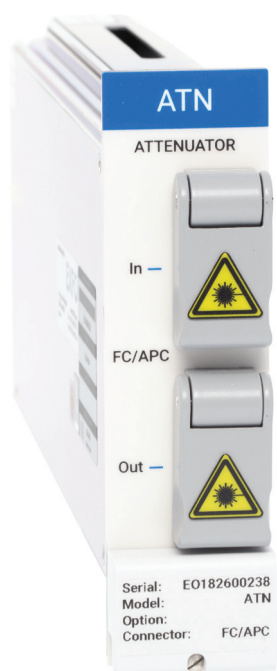


OSICS ATN

HIGH-POWER VARIABLE OPTICAL ATTENUATOR

- The OSICS ATN module integrates industry standard attenuator components. It combines a 60 dB attenuation range with the power to operate throughout a large wavelength range.



KEY FEATURES

- 60 dB attenuation range
- Low return loss
- 2 W maximum input power
- Easy real-time operation
- OSICS platform with single-slot module



As part of a test setup, ATN modules can be used to equalize channels and reach low power levels without modifying source signal-to-noise ratio. This is especially useful for optical amplifier characterization.

With an input power of 2 W, these modules are ideal for use in large channel-count DWDM testbeds.

KEY FEATURES

60 dB attenuation range with 0.1 resolution

The OSICS ATN features a broad attenuation range that allows you to address all attenuation requirements with a single module.

Low return loss

Thanks to the OSICS ATN's low return loss, you no longer need to use an additional optical isolator in front of the attenuator to ensure laser stability.

2 W maximum input power

These modules are ideal for optical amplifier testing or multiwavelength attenuation.

Easy real-time operation

The platform's user-friendly interface lets you adjust the attenuation in real time.

OSICS platform with single-slot module

Take advantage of all OSICS platform features, including commands, hosting of up to eight modules (DFBs included), high-performance tunable laser sources and optical switches.

	SMF models	PMF models
Wavelength range (nm)	1250 to 1650	1440 to 1650 ^a 1250 to 1510 ^b
Attenuation range	IL to 60 dB (typical)	
Calibrated range	Up to 40 dB at 1310 nm and 1550 nm	Up to 40 dB at 1550 nm ^a 1625 nm ^a 1310 nm ^b
Attenuation accuracy (typical) ^c	±0.3 dB	
Insertion loss (IL)	< 2 dB (1 dB typical)	
Attenuation setting and display resolution	0.1 dB (display resolution: 0.01 dB)	
Polarization dependent loss ^d	< 0.1 dB	N/A
PER	N/A	≥ 18 dB
Return loss ^e	> 50 dB	
Maximum input power	2 W (33 dBm)	
Optical connectors ^f	FC/APC narrow key	

a. On PM15 fiber

b. On PM13 fiber

c. Up to 30 dB attenuation

d. Total PDL including both FC-APC connectors

e. RL at 1550 nm for SMF and PM15, RL at 1310 nm for PM13

f. PMF: slow axis is aligned to connector key



ORDERING INFORMATION

OS-ATN-XX-58

Wavelength range and fiber type

F = 1250 - 1650 nm, SMF28 singlemode fiber

OES-P = 1250 - 1510 nm, PM13 polarization maintaining fiber

SCL-P = 1440 - 1640 nm, PM15 polarization maintaining fiber

Wavelength range and fiber type

58 = FC/APC

Example: OS-ATN-SCL-P-58

EXFO headquarters T +1 418 683-0211 Toll-free +1 800 663-3936 (USA and Canada)

EXFO serves over 2000 customers in more than 100 countries. To find your local office contact details, please go to www.EXFO.com/contact.

For the most recent patent marking information, please visit www.EXFO.com/patent. EXFO is certified ISO 9001 and attests to the quality of these products. EXFO has made every effort to ensure that the information contained in this specification sheet is accurate. However, we accept no responsibility for any errors or omissions, and we reserve the right to modify design, characteristics and products at any time without obligation. Units of measurement in this document conform to SI standards and practices. In addition, all of EXFO's manufactured products are compliant with the European Union's WEEE directive. For more information, please visit www.EXFO.com/recycle. Contact EXFO for prices and availability or to obtain the phone number of your local EXFO distributor.

For the most recent version of this spec sheet, please go to www.EXFO.com/specs.



ES France - Département Tests & Mesures
127 rue de Buzenval BP 26 - 92380 Garches



Tél. 01 47 95 99 45
Fax. 01 47 01 16 22



e-mail : tem@es-france.com
Site Web : www.es-france.com