

ATN Series

Attenuators

Data Center

Headend/CO

MDU

Utility/Municipality



Singlemode fiber optic attenuators reduce the power of laser light signal as it passes through metal-ion doped fiber. High powered lasers can overdrive the networks receivers and cause high BER or link failure. Attenuators can easily be removed should a new application require additional db/ laser light signal.

KEY PRODUCT BENEFITS

- ▶ Available in FC, LC, SC, and ST
- ▶ 1310, 1490, 1550nm operation
- ▶ Male to Female Build Out Style
- ▶ Dual Wavelength, Wideband Frequency
- ▶ Up to 1W power handling capability
- ▶ Available in 1-20 dB in 1 dB increments
- ▶ Attenuation tolerance: 1-10 dB = +/- 0.5 dB
11-20 dB = +/- 5%
- ▶ Operating Temperature: -40° to + 75° C
- ▶ Back Reflection: -55 dB UPC, -65 dB APC

INDUSTRY STANDARDS

- ▶ GR 910 Compliant receivers and cause high BER or link failure

ORDERING INFORMATION

STYLE	MODEL #	COMMON IN-STOCK ATTENUATION LEVELS
FC	ATN-FCxx	05, 10, 15, 20
FC-APC	ATN-FAxx	05, 10, 15, 20
LC	ATN-LCxx	05, 10, 15, 20
LC-APC	ATN-LAxx	05, 10, 15, 20
SC	ATN-SCxx	01, 02, 03, 05, 07, 10, 15, 20
SC-APC	ATN-SAxx	01, 02, 03, 04, 05, 06, 07, 08, 10, 15, 20
ST	ATN-STxx	01, 02, 03, 05, 07, 10, 15, 20

CUSTOM MODEL NUMBER MATRIX

ATN	—	XX	XX
		Style	Value (dB)
		FC = FC	01-20
		LA = LC-APC	
		FA = FC-APC	SC = SC
		LC = LC	SA = SC-APC
			ST = ST



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