

OTOA-1000

**LASERLITE, IN-LINE, STEP-VARIABLE, SINGLEMODE
OPTICAL ATTENUATOR (1dB, THRU 7 dB)**



Features / Benefits

- **Low-cost** method for adding step-variable optical attenuation without interrupting connections
- Passive device intentionally induces macrobend losses around a series of restrictive curvatures
- Combination of 1dB, 2dB & 4dB “loops” provides step-variable attenuation from 1dB thru 7dB*
- Built-in strain-relief mechanism minimizes changes in attenuation over time and temperature
- Ideally suited for singlemode 1310/1550 nm applications, including:
 - Reduction of the optical signal at the receiver to attain the “sweet spot”
 - Optical receiver protection during initial optical transmitter turn-up
 - CATV/HFC video & high speed data distribution networks
 - PON (passive optical networks)
 - Laboratory testing



** The Olson Technology, Inc. **Model OTOA-1000** provides 1dB though 7dB of step-variable attenuation (i.e. @ 1dB steps) for 1310nm signals via standard simplex 9/125 yellow nonplenum riser jacketed singlemode fiber cable. Results may vary with other wavelengths and types of fiber cable.*

The **OTOA-1000** is the perfect companion to the OlsonTechnology, Inc. **PremiseNode Models OTPN-x** and **MetroNode Models OTMN-x** optical node/receiver product families, but is also designed to operate with optical node/receivers from most leading manufacturers.

Quality / Engineering / Innovation