



YAAAX attenuators provide excellent performance for all singlemode attenuation requirements. The attenuators have been designed to supply high performance with stable attenuation values at low cost for large volume applications. Standard attenuation values available are: 5, 10, 15 and 20dB. Other attenuation values can be custom-ordered to your specific requirements. The all-fiber attenuator design uses no filters, air-gaps or light path discontinuities, but instead achieves attenuation by controlled absorption of light energy using ion doped fiber technology. This technology results in a polarization insensitive device with high power handling, environmental stability and stable response across the band pass range. The Attenuators are designed to meet Telcordia GR-NWT-000910.

## Features:

- Long Term Reliability
- Excellent Environmental Stability
- Low ripple, wavelength-independent
- Design certified to more than 125mW continuous power handling capability with no degradation in performance.
- Back reflection performance to <-55dB available for UPC, APC available for requirements <-60dB
- Polarization insensitive

## Specification:

### Standard attenuation values:

Standard attenuation values available are: 5, 10, 15 and 20dB. Other attenuation values can be custom-ordered to customer specific requirements.

**Attenuation tolerance:** Standard:  $\pm 15\%$  (Values at 5dB or less  $\pm 0.5\text{dB}$ )

## Engineering Specification

