

# MEGLADON<sup>®</sup>

## MANUFACTURING GROUP, LTD

A TyRex Technology Family Company



## Fiber Optic Attenuators

### *The Megladon Difference*

Megladon **Fiber Optic Attenuators** are used in a variety of applications where a specified amount of attenuation is required. System performance is optimized by controlling the signal power through the introduction of attenuation. Megladon's fixed attenuators provide highly-accurate attenuation values that translate into repeatable performance.

The attenuation method ensures wavelength independence and excellent directivity, both critical for bidirectional applications.

**For more information on Megladon's HLC process and products, please visit [megladonmfg.com](http://megladonmfg.com).**

### KEY BENEFITS

- ✓ Singlemode (SM) & Multimode (MM) versions available
- ✓ Doped fiber method for reliability
- ✓ Precision attenuation level
- ✓ Attenuation values from 1dB to 25dB
- ✓ Available in all typical connector types (SC, ST, FC & LC)
- ✓ Available in Angled (APC) & Ultra (UPC) polished types

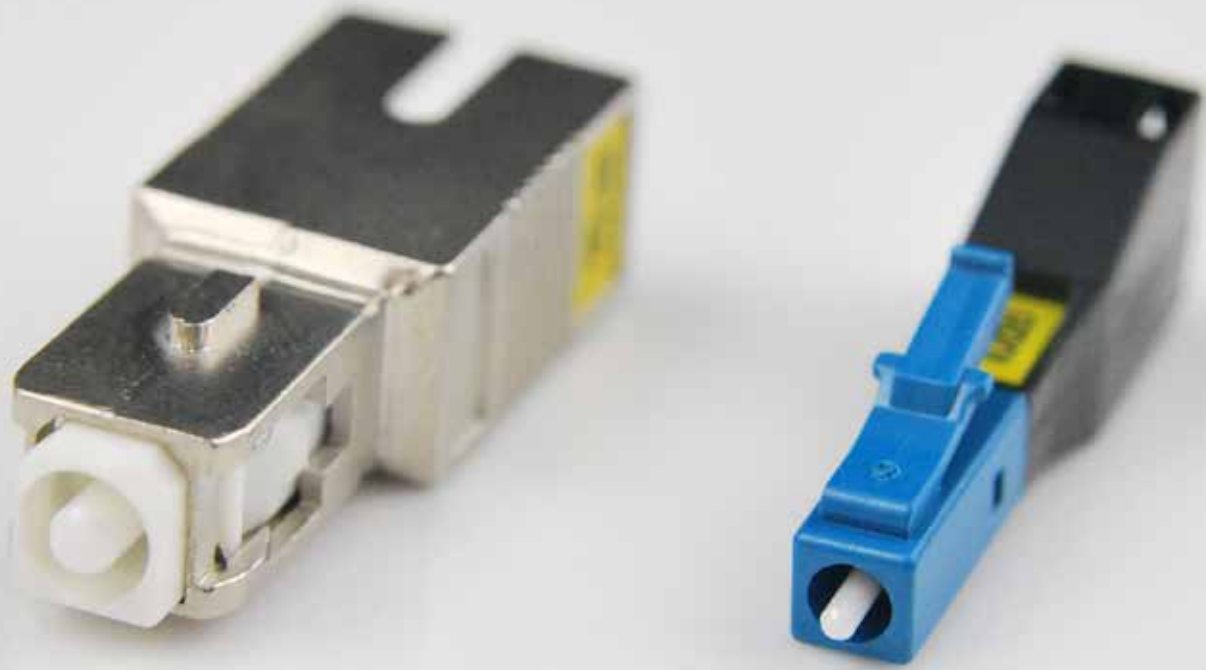
### APPLICATIONS

- ▶ FTTH PON (Passive Optical Network)
- ▶ CATV (Cable Television)
- ▶ Head End Deployments
- ▶ Test & Measurement Applications



MEGLADON MANUFACTURING GROUP, LTD.  
CERTIFIED TO ISO 9001:2015  
CERTIFICATE NO. 10982596

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## PERFORMANCE CHARACTERISTICS

Megladon Fiber Optic Attenuators	
Return Loss	≥55db (UPC) ≥65db (APC)
Attenuation Tolerance	1 to 10db : ±0.5, 11 to 30db : ±5% (for 3 wavelength)
Operational Wavelengths	1310 ± 40nm, 1490 ± 20nm, 1550 ± 40nm
Operating Temperature	-40 to +75°C
Maximum Power	500mw

*Note: For full wavelength type (1270 ~ 1650) Attenuation Tolerance will be 1db to 10db 0.7db and 11db to 30db ± 10%.*

**MEGLADON**<sup>®</sup>  
MANUFACTURING GROUP, LTD

**Your Fiber Optic Solutions Partner • Reliable - Rugged - Repeatable**

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