

## Features and Benefits

- Broadband Operation
- Flat Spectral response
- Very Low Back reflection
- Extremely Low Polarization Dependent Loss
- Ultra High Power Capability

## 77 Series Attenuators



Storm ATG's high-performance fixed optical attenuators (FOA) are the perfect choice for DWDM systems, analog or digital CATV, EDFA and other highly amplified systems, and high-speed datacom.

These plug-style FOAs offer flat spectral attenuation, low polarization dependent loss (<0.1dB) and high power-handling capability. In addition, they feature an all-fiber design that results in less back reflection than air gap or filter designs. PC polish provides a typical return loss of -55 dB, while APC polish provides an extremely low -65dB return loss (typical).

The SC, ST and FC formats exhibit a compact design that allows flexible placement in the network. For dense panel or cardmount small-form-factor installations, the LC format design offers the perfect fit.

## SPECIFICATIONS

Operating Window	1525-1660 nm
Attenuation	3dB +/- 0.6dB
	5dB +/- 1.0dB
	10dB +/- 1.0dB
	15dB +/- 1.5dB
	20dB +/- 3.0dB
Return Loss PC (min/avg)	-50dB / -55dB
Return Loss APC (min/avg)	-60dB / -65dB
Polarization Dependent Loss	< 0.1dB
Operating Temperature (°C) Belcore GR-63-CORE	-5 to +50°C
Storage Temperature (°C) Belcore GR-910-CORE	-40 to +70°C
High Power Attenuation Stability	< 3% change @1W
* Tested at 1310 nm and 1550 nm at room temperature. Call Fiber Optic Center for more information.	

Connector Style	Body Material	Ferrule Material/Diameter	Sleeve Material	Weight 100pcs w/ Dustcaps gm (oz)
LC	Molded Thermoplastic	Zirconia Ceramic 1.25mm	Zirconia Ceramic	141.75
(5)	Nickel Plated Zinc Alloy	Zirconia Ceramic 2.50mm	Zirconia Ceramic	878.83
(31)	Nickel Plated Brass	Zirconia Ceramic 2.50mm	Zirconia Ceramic	822.14
(29)	Nickel Plated Brass	Zirconia Ceramic 2.50mm	Zirconia Ceramic	850.49 (30)

**Meets environmental criteria specified in Bellcore standard GR-326-CORE.**  
**Designed to meet Bellcore requirements.**

FOR ADDITIONAL INFORMATION ON THIS OR OTHER PRODUCTS AND THEIR AVAILABILITY, PLEASE CONTACT FIBER OPTIC CENTER, INC.