

ATTENUATORS

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FEATURES

- » Polarization insensitive
- » Compact plug style design easily fits into existing patch panels
- » Available in 1 dB through 30 dB attenuation values
- » Low back reflection
- » Wide wavelength range
- » Designed to meet Telcordia requirements

APPLICATION

- » Instrumentation
- » Telecom central office
- » Telecommunication networks
- » CATV head-end, LAN networks
- » Data communications networks
- » Test and Measurement
- » Channel balancing for WDM systems
- » Optical transmission systems
- » Fiber optical distributing frame
- » Fiber optical network system

ATTENUATOR SPECIFICATIONS

Back Reflection/Return Loss	Super polish : ≤ -45 dB Ultra polish : ≤ -55 dB Angle polish : ≤ -65 dB
Operating Wavelengths	1310/1550nm (Center Wavelength)
Operating Bandpass	1260 to 1360nm and 1430 to 1580nm
Attenuation Level	1-9dB (± 0.5 dB); 10-20dB (± 5 %)
Attenuation Tolerance	± 0.5 dB (1-9dB); $5 \pm \%$ (10-20dB)
Polarization Dependent Loss	≤ 0.5 dB
Operating Temperature	$-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Storage Temperature	$-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$