



# FIBER XP<sup>®</sup>

## Optical Fixed Attenuators

### Special Features :

**Attenuators:** PC/APC, SM/MM, Plug/In-Line, SC/FC/ST/LC/MTRJ, 1dB to 30dB.

**Complies with Telcordia** (GR-910-CORE and GR-1221-CORE).

**Visual Test All by 800X:** Three Times (After Polishing, Before Assembly, Before Delivery)

**100% Geometrical Inspection :** Radius(10-25mm/PC), Offset(0-50um), Fiber Height(+/-50nm)

High Optical Power Endurance up to 1000mW(=1W)

All Premium Type / Over 500 matings

### Specifications :

Attenuation Value		0.5dB ~ 30dB	0.5dB ~ 12dB
Operating Wavelength		SM 1240 ~ 1620nm (Dual 1310/1550nm)	MM 850nm or 1300nm (+/-20nm)
		Premium	Economy
Return Loss	UPC	>55dB	>25dB
	APC	>65dB	-
Attenuation Accuracy	1 ~ 7 dB	±0.5dB	±10%
	8 ~ 12 dB	±0.7dB	±10%
	13 ~ 17 dB	±1.0dB	-
	18 ~ 25 dB	±1.3dB	-
Maximum Optical Input Power		1000mW	200mW
Polarization Dependent Loss		≤0.1dB	≤0.1dB
Operating Temperature Range		-40 to 75°C	-40 to 75°C
Storage Temperature Range		-40 to 85°C	-40 to 85°C
Humidity		95%RH	95%RH

### Ordering Information :

P/N: SPC-**SM-LCA-20**

SCU:SC/UPC (FCU:FC/UPC, SCA:SC/APC, FCA:FC/APC, STU:ST/UPC, LCU:LC/UPC)

SM: Singlemode 9/125um (MM: Multimode 50/125um, G: 62.5/125um, OM3: 50/125um)

05: Attenuation 5dB (example, 05: 5dB, 10:10dB, 15:15dB, 20:20dB)

Note : All attenuator types are the Premium, Zirconia Sleeve, Doped attenuation fiber type for Singlemode and multimode and are well suited for fiber amplifier, DWDM and telecommunications equipment.



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