



FIBER XP[®]

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℃	-40 to 75℃
Storage Temperature Range		-40 to 85℃	-40 to 85℃
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.



Specialized Products Company 1100 S. Kimball Ave, Southlake TX 76092

Toll-Free 800-866-5353 Local 817-329-6647 Fax 800-234-8286 customerservice@specialized.net