SUMMIT TELECOM

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Fiber Optic Connection Components
Item Code: STFAT-PI

Plug-In Optical Attenuator

Features:

- Singlemode and multimode
- Multi attenuation methods, Core off-set, air gap, and filtered
- Low insertion loss and back reflection
- Attenuation ranges from 1dB to 30 dB
- PC, UPC and APC polish types
- FC, SC, ST, LC terminations available
- One piece housing construction.
- Metal-ion doped fiber.
- Compliant with: ANSI, TIA / EIA and IEC standards.
- Precision ceramic ferrule with endface geometry per IEC proposal
- Optical performance 100% factory tested
- Wavelength attenuation stability.
- Environmentally stable
- Polarization insensitive

Applications:

- Telecommunication Networks
- CATV Networks
- Data Communications Networks
- Instrumentation

Technical Specifications:

Characteristics		Single Mode	Muti Mode
Attenuation		1dB-20dB (1dB step) 25 dB,30dB	1dB-25dB (1dB step)
Operating Wavelength		1310nm or 1550nm	850nm or 1310nm
Return Loss	SPC	≥40dB	-
	UPC	≥50dB	
	APC	≥60dB	
Attenuation	1 dB -10dB	±0.5dB	±0.5dB
	11 dB –15dB	±1.0dB	
Tolerance	16 dB -30dB	±2.0dB	
Maximum Power Capability		1W	
Operating temperature		-40℃~+75℃	