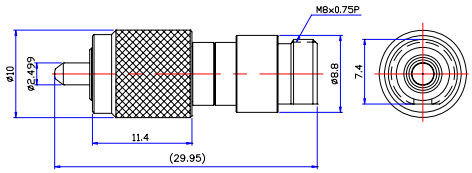
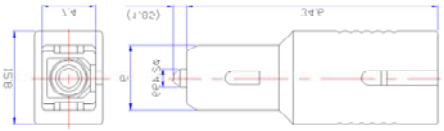
TITAN PHOTONICS, Inc

Product Specification
Optical Fixed Attenuator

Features:
Low Insertion Loss
Low Back Reflection
Ceramic Ferrule and Face Quality Complies to GR-326-CORE
Telcordia Standard GR-910-CORE Compliant
Ultra Low Wavelength Dependent Loss
High Power Endurance
FC, SC, ST, LC, and MU Types



Applications:
FTTH Networks
CATV Networks
Fiber Data Networks
LAN and WAN Metro Access Systems
Analog Communication
Optical Test Equipment



Specification:

Parameters	Unit	Specifications	
Operating Wavelength Range	nm	1310/1550	1310 or 1550
Insertion Loss	dB	1 to 5 (typ. ±0.5)	1 to 5 (typ. ±0.5)
	dB	6 to 10 (typ. ±0.75)	6 to 10 (typ. ±0.75)
	dB	11 to 20 (typ. ±1.5)	11 to 20 dB (typ. ±1.5)
	dB	21 to 25 (typ. ±1.75)	21 to 25 (typ. ±1.75)
Return Loss	dB	APC > 60	APC > 60
	dB	UPC > 55	UPC > 55
	dB	SPC > 50	SPC > 50
	dB	PC > 45	PC > 45
Repeatability	dB	< 0.2	< 0.2
Operating Temperature	°C	-20 to + 75	-20 to + 75
Storage Temperature	°C	-40 to + 85	-40 to + 85

Ordering Information:

	Connector Type	Polish Finish	Wavelength	Attenuation	Running Numbers
FOAT -			-	00 -	000
	F: FC	P: PC	31: 1310nm	02: 2dB	
	S: SC	U: UPC	55: 1550nm	05: 5dB	
	T: ST	A: APC	53: 1310 & 1550	10: 10dB	
	L: LC			15: 15dB	
	M: MU				

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