

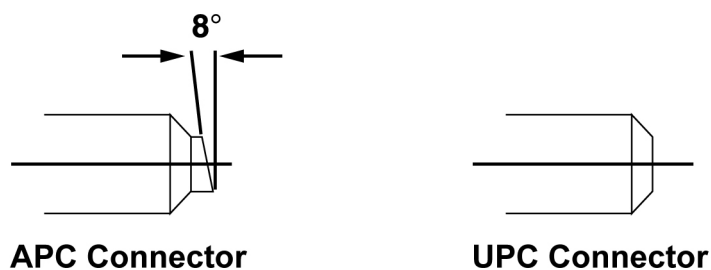
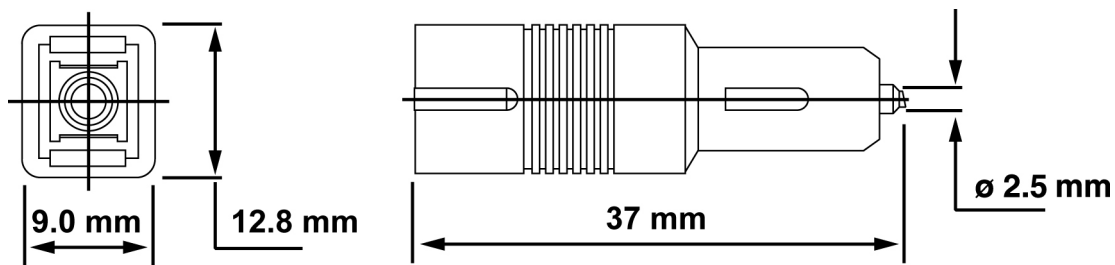
Prisma[®] Optical Networks 1310 and 1550 nm Fixed Optical Attenuators

Description

Prisma[®] Fixed Optical Attenuators provide a fixed level of attenuation for a variety of network and lab applications such as reducing the effective power output from an optoelectronic transmitter, receiver padding, and optical power equalization. Featuring very low backreflection, the attenuators are available in both UPC and APC polish for SC connector types.

Features

- Precision attenuation
- Low backreflection
- Low ripple broadband design for operation at both 1310 nm and 1550 nm
- “Snap-in” design provides optimum optical alignment



T7908



Prisma 1310 and 1550 nm Fixed Optical Attenuators



Specifications

Optical	Units		Notes
Wavelength	nm	1310 and 1550	
Attenuation	dB	1 to 10 (in 1 dB steps) 15, 20	
Attenuation accuracy	1 to 5 dB	dB	± 1
	6 to 10, 15 and 20 dB	dB	± 2
Typical backreflection	APC polish	dB	< -60
	UPC polish	dB	< -50

Mechanical	Units		Notes
Operating Temperature	°C	-20 to +65	
Storage Temperature	°C	-40 to + 65	
Physical Dimensions	Height	in.	0.5
		mm	12.8
	Width	in.	0.35
		mm	9.0
	Length	in.	1.5
		mm	37.0

Note:

Recommended for use in non-condensing environments only.

Unless otherwise noted, specifications are based on measurements made in accordance with NCTA Practices for Measurements made on Cable Television Systems using standard frequency assignments.

Ordering Information

Attenuation (dB)	Part Numbers			
	SC/APC	SC/UPC	FC/APC	E-2000
1	187266	187128	4001751	207804
2	187267	187129	4001752	207805
3	187268	187130	4001753	207806
4	187269	187131	4001754	207807
5	187270	187132	4001755	207808
6	4001770	4001763	4001756	207809
7	4001771	4001764	4001757	207810
8	4001772	4001765	4001758	
9	4001773	4001766	4001759	
10	4001774	4001767	4001760	207811
15	4001775	4001768	4001761	207812
20	4001776	4001769	4001762	



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